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Cashman Nurseries, Inc.

SURVEY SERIAL RECORDS
OWATONNA,
MINNESOTA



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Descriptive PRICE LIST

For Spring 1960



OUR 61ST YEAR

FOUNDED IN 1898 - -

1600 ACRES - AND STILL GROWING

IMPORTANT

We deliver to a central delivery point providing \$400.00 worth of business is sold. All other smaller deliveries will be shipped by truck freight or Railway Express at customers expense. In cases where the salesman promises free delivery the salesman becomes liable for the freight.

This book is the property of
Cashman Nurseries, Inc., Owatonna, Minnesota.
If found, kindly return.

CASHMAN NURSERIES, INC.

OWATONNA, MINNESOTA

Five Year Warranty

We want our customers plants to grow! Because success depends largely on proper care, they must be advised how to plant, TO PLANT IN GOOD RICH SOIL, how to care for and water them. Be sure customers are verbally instructed by you even though they will later receive an instruction book. Call their attention to the back of the Order Pad.

We guarantee our products to arrive in first class condition. The Nursery should be promptly advised of any damage or loss in handling.

We warrant our nursery stock to be: Federal and State Inspected, free from disease, and guaranteed true to name, and delivered at the proper planting time.

1. Any stock that has been previously paid for and fails to live will be replaced FREE of charge at next proper shipping season provided we are notified by October 1st following planting (Except Evergreens which will be replaced at one-half price.)
2. We also warrant this NURSERY STOCK as follows for 5 years from date of delivery:
 - A. In the event of loss or damage for any cause whatsoever, provided purchaser has given nursery stock normal care, the nursery agrees to replace any item at one-half cost based on prices in effect at time of replacement.
 - B. The warranty printed in Paragraph 1 above is not altered by this extended warranty.
 - C. Request for replacement under this warranty must be accompanied by customer's copy of original order.
 - D. Due to rush of Spring deliveries, claims receive best attention when filed before February 15th.
 - E. In the event Nursery cannot furnish exact item, it will offer purchaser his choice of:
 - (a) A substitute item of same or greater value and quality.
 - (b) Duplication of same item at first season of availability.
 - (c) An equal credit toward another nursery grown item of same or greater value.
3. Seller's Maximum Liability Limited to net amount of order.

CASHMAN NURSERIES, INC., OWATONNA, MINN.

TERMS

Do not sell varieties or sizes not listed.

Minimum down payment with order, 25%. Balance to be paid on day of delivery. Order for Replacement must include 100% cash payment.

Promises of credit after day of delivery by note or open account are the responsibility of salesmen and same to be deducted from his final settlement.

No orders cancelled or reduced after they are accepted (see terms on order). If customer lives in a town or city, street address must appear on order. If customer lives in country, rural route number should be written in. Orders must be signed by both customer and salesman. Both original and duplicate copy of order must correspond exactly. Send original to Office. Give duplicate (yellow) to customer.

Minimum order \$5.00. Add \$1.00 packing and freight charges on orders under \$5.00.

No Transportation Charges when delivery made by our truck to a community delivery station, otherwise we ship freight or express C.O.D. We do not deliver to customer's premises.

Add 25% for stock personally selected by salesman or customer at Nursery. Only top quality stock shipped.

Salesmen are charged back for difference when they make sales below list prices.

We do NOT plant. We make No Regular Fall Deliveries, except when special arrangements have been made in advance. We Guarantee to deliver at the proper time for planting, **but promise no definite delivery date.**

Customer agrees that the order is not subject to countermand unless request for same is accompanied by 40% of the purchase price (with credit for down payment) to cover cost of sale, reserving stock and liquidated damages. Customer has option of having us hold order over until the next year if 50% of order is paid and request is received by March 1st.

PREMIUMS FOR CASH DOWN PAYMENTS

For sending in Cash Down Payment with the order for nursery stock only, the customer may choose from the following list of flowering shrubs:

One Shrub for a payment of	\$10.00 to \$25.00
Two Shrubs for a payment of	25.00 to 50.00
Three Shrubs for a payment of	50.00 to 100.00
Four Shrubs for a payment of	100.00 or more

No other premiums permitted except at salesman's expense.

Bin No.	Select from the following Shrubs:	Value
S-35	2 - 3' Lilac, Common Purple	\$2.00
S-36	2 - 3' Lilac, Common White	2.00
S-68	2 - 3' Spirea, Bridal Wreath (Van Houtte)	1.50
S-26	18-24" Forsythea	
S-7	18-24" Barberry, Green (Thunbergi)	1.50
S-17	15-18" Alpine Currant	3.00
S-29	2 - 3' Honeysuckle, Tatarian	2.50
S-64	18-24" Spirea, Frobeli	1.50
S-16	2 - 3' Cotoneaster	2.00

Tatarian Honeysuckle as a premium represents a discount of 10-25% in the form of bank interest if the order were for a booking of one year in advance. 20 - 50% interest if order is taken 6 months in advance of shipping.

CASHMAN NURSERY PRODUCTS

1. Trees and plants that are perfect do not happen by chance. They result from painstaking, intelligent methods and persistent work, all of which takes money to bring about, particularly in the North where growth is not as rapid as in the South. To provide stock to withstand severe climatic conditions, it must be grown in the northern regions. Any tree or plant not adapted to our climate is very dear at any price, so don't be misled by cheap appealing catalog prices offering stock grown in tender climates.
2. A tree is no hardier than its root system. A tree may be a perfectly hardy variety, but unless it is grafted and grown on a hardy root stock, it will not prove satisfactory. CASHMAN TREES are grown on hardy Northern roots, and are much hardier than Southern grown understocks.
3. All hardy nursery stock is extremely scarce. The Cashman Nurseries' reputation for delivering high quality assures every salesman that his orders will be filled with the best in the sizes and varieties he sells. Our prices are in accord with the high quality of our guaranteed stock. Inferior grades of stock may be bought for less, but the successful salesman never experiences any difficulty in convincing his customers that cheap nursery stock is dear at any price.

VARIETIES & GRADES

4. Our price list includes the largest assortment of the best, strong growing varieties that are sure to give satisfaction. Do not sell varieties not in the list. We reserve the right to cut out of order items that are not listed. Be sure to write in sizes on orders exactly as listed in price list.
5. Sizes listed in Price List are height above roots when shipped. The size listed after each variety is that considered proper for stock suitable for transplanting. The sizes vary according to the habit of growth of the shrub, as some are dwarf and others are medium or large in habit of growth.
6. The Grades offered represent all trees measuring not less than the smallest number listed and up to, but not including the largest number. For example, 18-24 inch evergreens include all measuring 18 inches and up to 24 inches, but a two foot item is included in the 24-30 inch grade. Six to eight foot sizes in Shade trees are the best to transplant.

DO NOT SELL ITEMS & SIZES NOT LISTED

7. Items not sold by size are all No. 1 quality or better. All sizes and grading conforms to the Standards of the American Association of Nurserymen.

8. Our salesmen should remember that they represent the largest, northern, hardy nursery concern, annually serving 30,000 customers, who have learned that it pays to buy trees from a reliable grower who refuses to offer cheap or inferior stock to its customers. Inferior grades of stock are sold to non-grower "nurseries," jobbers, and catalogue houses that attract their business by offering cheap prices. Usually the customer pays substantial express charges. Our truck delivery system assures delivery within 24 hours from storage to you.

Remember, you get no more than you pay for, and experience teaches that in nursery stock, the Best is the Cheapest. You will be proud to sell our quality of stock.

9. A good salesman never has to do any planting. He does not have time for it. When he plants, he only makes wages; when he sells, he has a "REAL" income.

10. Salesmen are cautioned not to make replacements on stock that has not been properly taken care of, properly pruned when set and neither mulched nor cultivated. Trees planted and allowed to shift for themselves have less than a 50% chance to grow. Customers must be told that trees cannot be left to lay around before planting and must be planted and cared for very carefully the first two years. After that they will take care of themselves with ordinary care.

CARE OF NURSERY STOCK

11. A first class salesman always explains after the sale is made that the customer must come for his order on the first day of delivery; that the company cannot be responsible for any order not called for at that time.

12. Salesmen should advise every customer to soak his bundle in a tank of water or laundry tub so that the roots will be submerged for at least 24 hours, but not more than 40 hours before planting. (This does not apply to evergreens.) Then the stock will fill up with moisture and leaf out promptly. Also, to trim back the top, cutting off the majority of the limbs. Pruned trees start more readily and bear at least two years earlier than trees not pruned when set out. Pruning is important for all fruit and shade trees; Cut Leaf Birch, and 5-in-1 Apple Trees, however, should not be pruned.

WRITE BOTH BIN NUMBER AND VARIETY ON ORDERS FRUIT

APPLES & CRAB APPLES (G)

(The [G] refers to the width of tree, see pages 54 and 55)

9-16" or 4-5' 11-16" or 5-7'

1 to 5 each	\$3.00	\$3.50
6 to 11 each	2.75	3.25
12 or more each	2.50	3.00

Bin

No.	Typical Ideal Family Apple Orchards		
F-3	*Mantet	F-21	*Prairie Spy
F-5	Oriole	F-22	Fireside
F-7	*Beacon	F-23	Redwell
F-8	Wealthy	F-24	Dolgo Crab
F-10	*Lakeland	F-25	*Whitney
F-11	*Minjon	F-27	Chestnut Crab

24 tree orchard—2 each of these popular 12 varieties

12 tree orchard—1 each of the above varieties

6 tree starter orchard—6 starred trees

Plant 20 - 30 feet apart. Between the Apple trees, plant Plums or Cherries for fillers, they bear early before the Apples reach maturity.

SUMMER VARIETIES

(All fruits are listed in order of harvest)

Bin No.

F-1 **Anoka** — Very hardy, early bearing but poor keeping qualities. Good for extreme North.

F-2 **Yellow Transparent** — Yellowish green tart apple, good tasting, excellent for extreme North.

F-3 **Mantet** — Excellent all purpose, all red, early summer apple. Extremely hardy. Origin, Manitoba. Cooking and eating apple.

F-5 **Oriole** — A Minnesota Fruit Breeding Farm introduction. One of the best summer apples, large, yellow with red blush.

F-6 **Minnesota Red Duchess** — Russian Origin. Medium size, commercial value, early bearing, cooking and eating apple. Better color than original Duchess apple.

FALL VARIETIES

F-7 **Beacon** — A Minnesota bred apple with dark red fruit. Ripens about Labor Day.

F-8 **Wealthy** — Medium to large sized red fruit. Ripens in September. Keeps to Christmas.

F-10 **Lakeland** — A Minnesota Fruit Breeding Farm introduction. Similar to the Wealthy. A good solid apple. It bears medium sized fruit with a deep red color. Ripens in September. Keeps longer than Wealthy. Bears fruit annually.

F-11 **Minjon** — Minnesota's hardy Jonathan. Ripens late fall and is very hardy. An all red apple. Keeps well until mid-January. Good for cooking, fair for eating.

F-12 **McIntosh** — Origin, Eastern Canada. Produces a solid, bright red apple. Fruit ripens in October. Fruit keeps until mid-winter. Very white fruit, excellent for eating. Not recommended North of Minneapolis. Delightfully aromatic.

F-13 **Victory** — Origin, Minnesota Fruit Farm. An improved McIntosh but keeps until March. Somewhat flattened in shape, medium well colored.

F-14 **Cortland** — A New York apple, McIntosh type, but later in ripening and fruit hangs well on tree. Very sweet.

APPLES—Cont'd.**WINTER VARIETIES****Bin No.**

F-15 **Northwestern Greening** — Most popular green apple. Very large, greenish yellow fruit. Ripens in October. A good winter keeper. Origin, Wisconsin.

F-16 **Grimes Golden** — Popular eating apple. Not recommended for Minnesota.

F-17 **Red Delicious** — A late apple with dark red fruit. Fruit keeps well in winter. Not too hardy in Minnesota.

F-18 **Jonathan** — Ripens early in fall. Fruit is red colored. Stores well. Not hardy in Minnesota.

F-19 **Rhoda** — A Cashman introduction 50 years ago. Dark red, large, oblong, very sweet. Keeps until May.

F-20 **Haralson** — A famous Minnesota winter apple. The red fruit is medium sized. An early bearing apple. Fruit will keep well all winter. A proven favorite, one of our best sellers.

F-21 **Prairie Spy** — Large red fruit. Good for cooking or eating. Ripens in September. Will keep until May. Possibly the very best University of Minnesota winter apple.

F-22 **Fireside** — Origin, University of Minnesota Fruit Farm. A red over yellow color. The fruit ripens in October. A new improved Delicious bred for this climate. Fruit keeps to April.

F-23 **Redwell** — Medium sized fruit of solid red coloring. Ripens in October. A University of Minnesota hardy introduction which bears annual crops.

CRAB APPLES (G)

(Ornamental varieties are listed on Page 30)

SUMMER VARIETIES

F-24 **Dolgo** — Ornamental and most popular jelly crab. White blossoms. Very hardy.

F-25 **Whitney** — Upright growing, yellow with red stripes, eating apple. September. Very hardy.

FALL VARIETIES

F-26 **Flame** — Ornamental plus good fruit for jelly and pickles, one of our best, white blossoms and flame red good fruit. University of Minnesota origin.

F-27 **Chestnut Crab** — Best variety, large, sweet, crisp and juicy. Keeps through October. University of Minnesota origin.

CRABS — FLOWERING AND ORNAMENTAL (F)

Small trees which flower in May and are very desirable for landscape purposes. They take the place of Japanese Cherries which aren't hardy here.

F-101 Almey Crab (F) Price each — 4 - 5' \$6.00 5 - 6' \$7.50
A flowering crab with large blossoms of fiery crimson. The blooms are very large and this crab will bloom when it is very young.

CRABS—FLOWERING AND ORNAMENTAL—Cont'd.

F-24 Dolga Crab (G) Price each—5 - 6' \$4.00 6 - 8' \$5.00
 A very good jelly crab. Pink and white flowers followed by fiery red fruit. Beautiful either as an ornamental or for fruit.

F-103 Hopa Crab (F) Price each—5 - 6' \$5.00 6 - 8' \$6.00
 A beautiful red flowering crab. Entirely covered with flowers in April. Red ornamental fruit which hangs on until late autumn.

HARDY FIVE-IN-ONE APPLES (G)

Five-In-One Apple 5 - 7' each \$7.50

F-28 The vest pocket or family apple orchard for small backyard. A real value. Same as five trees for the price of two. Two buds of each of the following varieties: (1) Beacon, (2) Fireside, (3) Minjon, (4) Prairie Spy, (5) Wealthy budded on Hardy Dolgo Crab. Trees are trimmed before shipping. Advise customer not to prune branches.

DWARF ORCHARD TREES FOR CITY LOTS

F-28	Five-In-One Apple	5 - 7'	each	\$7.50
F-32	North Star Dwarf Sour Pie Cherry	5 - 7'	each	4.50
F-48	Compass Plum Cherry	5 - 6'	each	3.50

HARDY MANCHURIAN APRICOTS (F)

	4 - 5'
1 to 5 each	\$4.00
6 to 11 each	3.75
12 or more each	3.50

F-30 Mandarin — Yellow fruit, Large, good fresh or cooked.
F-31 Scout — Golden bronze, good for jam or canning. Plant both varieties for pollination.

CHERRIES (F) (G)**RED SOUR PIE CHERRIES**

	4 - 5'	5 - 7'
1 to 5 each	\$4.00	\$4.50
6 to 11 each	3.50	4.00
12 or more each	3.00	3.50

Bin No.

F-32 Northstar (Minn. #58) (F) — A true dwarf cherry tree introduced by University of Minnesota. More hardy than other varieties. Annual bearer.

F-33 Meteor (G) — A new introduction of the University of Minnesota Fruit Breeding Farm. A strong vigorous and very hardy tree. Fruit is brilliant, large. Stone is small and free. Later than Northstar, its companion.

F-34 Early Richmond (G) — A good pie cherry of medium size. The fruit is medium sized and bright. Origin in Europe.

F-35 Montmorency (G) — The most widely planted pie cherry. The cherries are large and beautiful, good in quality and flavor.

F-36 **BUSH CHERRY—(D)**—Hanson 2 - 3' each\$3.00

CHERRY-PLUM HYBRIDS (F)**(Plum-Cherries)**

	4 - 5'	5 - 6'
1 to 5 each	\$3.00	\$3.50
6 to 11 each	2.50	3.00
12 or more each	2.00	2.50

Plant Compass or Bush Cherries for pollination.

Bin No.

F-43 **Manor** — Vigorous annual bearer. Sweet like Sapa, meaty, dark red. Excellent canning. Very hardy, Origin, Manitoba.

F-44 **Oka** — Eating and cooking, deep purple red. Origin, S. Dakota.

F-45 **Opata** — Hardy, purple with greenish-yellow flesh. Origin, South Dakota.

F-46 **Sapa** — Best and most popular, small size tree, clingstone, juicy and sweet.

F-47 **Sapalta** — Quick bearing, purple fruit and sweeter and less clingstone than Sapa.

F-48 **Compass** — Small red fruit, sauce and preserves. Origin — Minnesota. One of the best pollinater Plums.

HARDY PEARS (G)

	4 - 5'	5 - 6'
1 to 5 each	\$3.50	\$4.00
6 to 11 each	3.00	3.50
12 or more each	2.50	3.00

F-49 **Golden Spice** — Vigorous, small fruit, very hardy. Fruit keeps three weeks. Ideal for pickling. A University of Minnesota introduction.

F-50 **Parker** — Fruit is greenish yellow with an attractive blush. Medium to large size. Fruit ripens in September. Good for eating and canning.

F-51 **Patten** — Bears good fruit which is sweet and of good size. A very productive variety.

F-52 **Cashman** — Improved Patten type. Hardy.

PEACHES (G)

We do not grow Peaches at Owatonna, but have them grown for our customers in warmer climates.

	4 - 5'
1 to 5 each	\$3.00
6 to 11 each	2.50
12 or more each	2.00
F-53 Elberta — Most popular variety — Yellow flesh, freestone. Late.	
F-54 Red-Haven — Earliest, productive, free stone.	

JUMBO HYBRID PLUMS (G)

Fruits are listed in order of harvesting.
These Plums require a pollinizer, as Kaga or South Dakota.

	4 - 5'	5 - 6'
1 to 5 each	\$3.50	\$4.00
6 to 11 each	3.00	3.50
12 or more each	2.50	3.00

Bin No.

F-55 **LaCrescent** — Freestone, sweet, early, excellent, hardy.

F-56 **Underwood** — Clingstone, excellent large fruit. Ripen in August.

F-57 **Red Coat** — Midseason, all purpose, freestone.

F-58 **Pipestone** — Large, solid red, all purpose, very hardy in North.

F-59 **Fiebing** — Large red mid-season clingstone fruit.

F-60 **Kaga** — Apricot flavored delicious Plum. Good pollinizer.
Hardy.

F-61 **Surprise** — A heavy bearing, dependable Plum with red fruit.
This variety also serves as a pollinizer.

F-62 **Superior** — Best midseason, all purpose, large fruit.

F-63 **Waneta** — Good fruit, but susceptible to brown rot.

F-64 **Red Glow** — A large, late attractive Red Plum introduced by
University of Minnesota.

F-65 **South Dakota** — Medium size, dessert type, good pollinater,
hardy.

F-66 **Ember** — Best quality for everything except jelly.

Collection of our 12 best sellers: 2 each of Ember, Red Coat,
Superior, Underwood, Kaga (Pollinater) and
Mount Royal 5 - 6' \$36.00

EUROPEAN TYPE PLUMS (G)

(Price same as Jumbo Hybrid Plums)

F-67 **Bonny St. Anne** — Hardy, freestone, purplish-black fruit. Very
good for dessert, sauce and canning. Origin, Canada.

F-68 **Mount Royal** — Blue — Good for dessert and cooking. Origin,
Canada. Medium hardy. Self fertile.

CURRENTS (D)

1 or 2	3 to 5	6 or more
Each \$1.50	\$1.25	\$1.00

Very strong well branched two year plants. No. 1 Heavy.

F-69 **Red Lake** — Red, best for home and market, easy to pick. A
Minnesota introduction.

F-70 **White Grape** — Transparent, mild delicate flavor.

GOOSEBERRIES (D)

1 or 2	3 to 5	6 or more
Each \$2.00	\$1.75	\$1.50

F-71 **Pixwell** — A new, absolutely hardy introduction. Large, oval,
pink-colored berries. A large bush that produces heavily,
2 year, No. 1 heavy.

RED RASPBERRIES (C)

Purchase certified plants from a State and Federal inspected nursery. Your neighbor's plants, although free, may carry Mosiac, a virus disease; Crown Gall, a bacterial disease; Antracnose, a fungus disease; Spur Blight; Red Spider; and Cane Borers (See Minn. Extension Bulletin No. 255).

12	25	50	100
\$4.00	\$7.00	\$13.00	\$25.00

Bin No.

F-75 Chief — Early, excellent in North.
F-72 Indian Summer — Everbearing, two crops.
F-73 Latham — Best Commercial and home variety, late.
F-74 Newburgh — Heaviest cropper, late.

BLACK & PURPLE RASPBERRIES and BLACKBERRIES (C)

Require winter protection in Minnesota.

12	25	50	100
\$4.00	\$7.00	\$13.00	\$25.00

F-76 Cumberland — Black Raspberry.
F-77 Columbian — Purple Raspberry.
F-78 Sodus — Purple Raspberry.
F-79 Alfred — Large Blackberry.
F-80 Snyder — Medium Blackberry.

JUNE BEARING STRAWBERRIES

Plant 18" apart in 4-foot rows.

25	50	100	500
\$1.75	\$3.00	\$5.00	\$22.50

F-81 Premier — Most dependable early variety, large berries and a heavy yielder.
F-83 Robinson — A medium to large early berry and will stand a lot of abuse in growing, handling and shipping.
F-84 Dunlap — A mid-season popular, medium size berry. Second to Premier in popularity.

EVERBEARING STRAWBERRIES

25	50	100	500	1000
\$3.50	\$6.00	\$10.00	\$45.00	\$80.00

F-85 Big Gem — Of Michigan origin, light red fruit. The late crop usually ripens early in Minnesota.
F-86 Evermore — A hardy Minnesota introduction. Dark red, medium size fruit.
F-87 Perfection — The newest everbearing Strawberry variety which is doing very well in Minnesota. We have discontinued Red Rich because it is subject to cycleman mite. It bears heavy crops of very large mild berries. Stiff stems make them easy to pick and keeps them above ground and out of the dirt.

GRAPES

	1 to 5	6 to 11	12 or more
Each	\$1.00	85¢	75¢

Bin No.

F-89 Beta — A vigorous and hardy grape. The blue-black fruit is fine for juice or jelly. It is an early bearer.

F-90 Fredonia — An early block grape. Very productive. Similar to Concord.

F-91 Blue Jay — A new Minnesota introduction. Very hardy. Blue-black berries of medium to large size. Good for juice and jelly, but defective pollen.

F-92 Red Amber — A new Minnesota introduction. Very good for cooking and eating fresh.

F-93 Moore's Early — Similar to Concord but fewer and more open clusters and larger fruit.

F-94 Moonbeam — White grape with mild, sweet flavor. Fruit large.

F-95 Concord — Most popular and widely grown grape. Fruit is blue-black, sweet and borne in large clusters. Sometimes fails to ripen in Minnesota.

MISCELLANEOUS GARDEN ROOT CROPS
ASPARAGUS

12	25	50
\$2.50	\$5.00	\$9.50

F-96 Washington — Large, crisp, tender stalks. Mild flavor. A strong, vigorous grower. Of large green quality.

RHUBARB

F-97 McDonald — A good heavy producer, red, very sweet.
each \$1.25 5 for \$6.00

F-98 Canada Red — A new brilliant red, sweet variety.
each \$1.50 5 for \$7.00

F-99 Valentine Red — The best. Deep Red.
each \$2.00 5 for \$9.50

VINES AND GROUND COVERS

Vines contribute greatly to the beauty of a landscape planting. Their foliage creates a softening effect to harsh building lines. They serve as screens, cover bare walls and create shade. The masses of bloom borne on flowering vines are unexcelled in beauty.

Ivy clings to Masonry, other vines require a Trellis.

Bin No.

V-1 Bittersweet (*Celastrus scandens*) each \$1.50
 A hardy vine which has glossy green leaves. Bears yellow flowers. In fall there are red-orange berries. Popular for cutting and hanging in the home.

CLEMATIS

Our Clematis are 2-yr. old, potted vines, simplifying getting the plant established.

Clematis must be planted in a well drained soil with sunny location. Use a wood trellis for their climbing support, two inches away from the wall. When the desired location has been chosen, dig a hole eighteen inches deep and one foot wide. This hole should be two-thirds filled with good rich soil. Remove the Clematis carefully from the pots so the roots are not disturbed from their present condition. Do not spread these roots but place ball of earth intact into the hole, deep enough so the first eye is below the surface of the ground. Fill remainder of hole with rich soil, firm and water.

Clematis must not be over watered. A thorough watering once a week will be sufficient. In very hot weather Clematis roots desire to be cool. This can be accomplished by placing a mulch of peat moss or dried grass clippings over the top of the soil around the plant.

Bin No.

V-2 Clematis, Jackmani each \$2.75
 Has masses of large purple flowers. Very popular for planting on a trellis. A summer bloomer, long lasting. Most hardy Clematis.

V-3 Clematis, Madam Edward Andre each \$2.75
 Blooms profusely with crimson red flowers.

V-4 Clematis, Henryi each \$2.75
 Unusually large white flowers in June.

V-5 Clematis, Crimson Star each \$3.00
 Huge crimson blossoms, silver starred center, Prolific — Our best Clematis.

V-6 Honeysuckle, Gold Flame (*Heckrottii*) each \$2.00
 (Summer King) — Large fragrant flame red trumpets lined with gold blooming all summer and autumn. Blossoms first year, leaves hold green color long after frost — semi-evergreen. 15 feet.

V-7 Honeysuckle, Scarlet Trumpet (*Semperfivereus*) each \$1.50
 20-30 ft. — Upright grower, dark green foliage, long tubular scarlet flowers. Excellent ground cover.

V-8 Ivy, Boston (*Ampelopsis vetchii*) each \$2.00
 10-20 ft. — Foliage is red and gold in autumn. Will cling to any rough surface such as brick, stone or concrete without support. It is not a vigorous grower and seeks shady corners.

V-9 Ivy, Engelmann Creeper each \$1.50
 Smaller leaf than Virginia Creeper, better autumn coloring.

FAN SHAPED TRELLIS — Painted White — Height 70" each \$2.50

PEONIES

No. 1 Quality — 3 to 5 eye Divisions

\$2.00 each 6 for \$11.00 12 for \$20.00

Bin No.**P-1 Mons. Jules Elie**

Very large, bright rose-pink type, silvery sheen. Strong fragrance. Early.

P-2 Edulis Superba

Deep rose-pink, early.

P-3 Karl Rosenfield

Rich blood red. One of the finest. Early.

P-4 Baroness Schroeder

Pale flesh pink fading to pure white. Late.

P-5 Festiva Maxima

Pure white, flecked crimson. Very large. Early.

P-6 Mary Grand — Red**P-7 Sarah Bernhardt****P-8 Peony Collections 5 for \$9.00**

Mons. Jules Elie, Edulis Superba, Karl Rosenfield, Baroness Schroeder and Festiva Maxima.

1 each of 5 varieties shown in plate book.

P-9 Bleeding Heart (*Spectabilis*) each \$2.00

Heart shaped, rosy pink blooms in May. Very hardy in sun or shade. An old-fashioned favorite. No. 1 Quality.

**OTHER FIELD GROWN PERENNIAL FLOWERS,
BULBS AND LILIES**

\$1.00 each 3 for \$2.50 6 for \$5.00 12 for \$10.00

Chrysanthemums

We specialize in the early blossoming varieties so the late flowers of summer produce a long period of color. Available in various colors.

P-15 Red Cushion**P-19 Bronze Cushion****P-16 White Cushion****P-20 Yellow Cushion****P-17 Lavender Cushion****P-21 Purple Cushion****P-18 Pink Cushion****P-35 Lythrum (*Mordens Pink*)**

A bright pink flower that blooms most of the summer. Grows tall and is good for background. Used for color accent and bouquets. Extremely hardy.

PHLOX**Bin No.**

P-37 **Mrs. Jenkins**—Pure White. P-43 **B. Comte**—Purple.
 P-38 **Widar**—Blue Violet. P-44 **Champs Elysees**—Crimson.
 P-39 **Rijstroom**—Rose-Pink. P-45 **Chas. Mayo**—White,
 P-40 **Thor**—Salmon, Red Eye. Red Eye.
 P-41 **Rheinlander**—Salmon Pink. P-46 **Pinky**—Apple Blossom
 P-42 **R. P. Struthers**—Carmine, Pink.
 Red Eye.
P-47 Creeping Phlox (*Phlox Sublata*) Emerald Cushion

BULBS

B-1	Gladiolus, 12 asst. colors	\$1.50
Begonias		
	B-50 Scarlet	3 for \$1.50
	B-51 Yellow	6 for \$2.75
	B-52 Pink	12 for \$5.00
	B-53 Copper	
B-54	Assortment of 12, three each, Scarlet, Yellow, Pink and Copper — 12 for	\$5.00

ORNAMENTAL & FLOWERING SHRUBS**Bin No.**

S-1 Almond, Pink Flowering (*Prunus glandulosa*) 5-6 ft. (B)
 18 - 24" each \$2.00 2 - 3' each \$2.50
 A narrow leaved shrub of medium height covered with masses of double pink blossoms in late April or early May.

S-6 Arrowwood (*Viburnum Dentatum*) 8 ft. (D)
 18 - 24" each \$2.00 2 - 3' each \$2.50
 Glossy green foliage, flat clusters of white flowers in May followed by bluish-black fruit. Will tolerate some shade. Foliage turns to shades of red and purple in autumn.

S-7 Barberry, Thunbergi (*Berberis thunbergi*) 3-4 ft. (A)
 18 - 24" each \$1.50 2 - 3' each \$2.00
 Compact thorny shrub. Foliage scarlet in autumn. Has red berries well into winter. Excellent protection for lawns and gardens from dogs and pedestrians. Does well under adverse conditions.

S-8 Barberry, Red Leaved (*Berberis atropurpurea*) 3-4 ft. (A)
 12 - 18" each \$2.00 18 - 24" each \$2.50
 A valuable shrub to use for color variety. Foliage is red all season. Red berries in fall. Not hardy north of Minneapolis.

S-14 Caragana Arborescens (*Siberian peashrub*) 12 - 15 ft. (E)
 18 - 24" each \$1.00 2 - 3' each \$1.50
 A very hardy shrub, covered in May with showy yellow flowers followed by long seed pods. Excellent for dry areas.

S-15 Caragana Pygmaea (*Pygmy Caragana*) 3 ft. (A)
 15 - 18" each \$2.00 18 - 24" each \$2.50
 Small spreading shrub with fine textured foliage. Small yellow flowers continuous from June until frost. Excellent, low, drought resistant shrub and hardy everywhere.

SHRUBS—Cont'd.**Bin No.****Cherry, Purple Leaf (*Cistena*)**

See Page 18 Purple Leaf Plum, Shrub Form. S-54.

Coralberry—See Snowberry, Red, Page 19 S-60.

S-16 Cotoneaster (*Cotoneaster acutifolia*) 5-6 ft. (C)

18 - 24" each \$2.00	2 - 3' each \$2.50
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An attractive shrub with glossy green leaves. Grows well in partial shade. Pink flowers in spring followed by black berries. Colors red beautifully in fall. Widely used in hedge and foundation planting. Very hardy.

S-17 Currant, Alpine (*Ribes Alpinum*) Alpine Shrub 4 ft. (A)

12 - 18" each \$2.00	18 - 24" each \$2.50
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The best low shrub with fine textured foliage, used for foundation plantings and hedges. Growth is during early cool weather hence holds shape well all summer. Can be trimmed to any shape and height up to four feet.

S-18 Currant, Yellow Flowering or Clove Currant 6 ft. (D)

18 - 24" each \$2.00	2 - 3' each \$2.50
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Upright spreading shrub, fragrant yellow blossoms. Shiny green leaves turn scarlet in fall.

S-19 Cranberry, European High Bush (*Viburnum opulus*) 7-8 ft. (E)

18 - 24" each \$2.50	2 - 3' each \$3.00
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Clusters of white flowers in spring followed by scarlet berries which remain until late fall. Will withstand shade.

S-30 Ligustrum Vicani Golden foliage

12 - 15" each \$2.00	15 - 18" each \$2.50
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S-20 Dogwood, Goldentwig (*Cornus stolonifera flavidiramea*) 6-8 ft. (D)

18 - 24" each \$2.00	2 - 3' each \$2.50
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This plant is very attractive with its yellow branches and green leaves. In spring small white flowers appear followed by white berries. Will stand shade.

S-21 Dogwood, Redtwig (*Cornus sibirica*) 6-8 ft. (D)

18 - 24" each \$2.00	2 - 3' each \$2.50
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Coral red stems are attractive in winter. White blossoms appear in clusters during June followed by clusters of white berries. Shade loving.

S-22 Dogwood, Varigated (*Cornus alba argenteo marginata*)

18 - 24" each \$3.00	2 - 3' each \$3.50
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6-8 ft. (D) Deep coral red branches in winter and leaves bordered with creamy white in summer. White flowers in spring precede clusters of white berries. Will withstand considerable shade.

SHRUBS—Cont'd.**Bin No.****S-23 Deutzia, Lemoine 4 ft. (C)**

12 - 18" each \$2.50 18 - 24" each \$3.00

Has double white flowers tinged with pink which are produced in May and June. The shrub is symmetrical in growth. Not hardy in Minnesota.

S-24 Elder, Golden (*Sambucus canadensis aurea*) 8 ft. (E)

18 - 24" each \$2.00 2 - 3' each \$2.50

A good shrub with white flowers and yellow foliage. Flowers appear in flat-topped clusters in late June. Use in full sun for best results.

S-25 Euonymus, Alatus (*Compactus*) Dwarf Winged Euonymus

12 - 15" each \$3.00 15 - 18" each \$4.00

4 ft. (C) Corky wings on the twigs give this shrub winter value. Dark green leaves turn rose red in fall. Perhaps the most useful and colorful shrub for either border or specimen plantings. Unusual and choice.

S-26 Forsythia, Lynwood Gold 6 ft. (D)

18 - 24" each \$2.00 2 - 3' each \$2.50

Bears large golden yellow flowers in early April before the leaves appear. The arching branches are very graceful and give a good contrast among upright growing shrubs. Plant only in well protected places.

S-29 Honeysuckle, Tatarian (*Lonicera Tatarica*) 8 - 10 ft. (D)

18 - 24" each \$2.00 2 - 3' each \$2.50

A good shrub for screening effect. Pink flowers in May and June followed by red fruit. Suitable for tall hedges.

S-31 Hydrangea, A. G. (*Aborescens grandiflora*) Hills of Snow

18 - 24" each \$2.50 2 - 3' each \$3.00

5 - 6 ft. (C) Valuable for foundation plantings or in shrub borders. It blooms during June and July with large white flowers which later turn green. Will do well in shade.

S-32 Hydrangea, P. G. (*Paniculata grandiflora*) 6 ft. (C)

18 - 24" each \$2.50 2 - 3' each \$3.00

The cone shaped clusters of flowers appear in July and last till frost. Flowers are white turning to pink as they mature.

S-33 Hydrangea, Tree Form. 7 ft. (D)

2 - 3' each \$5.00 3 - 4' each \$6.00

Same as Hydrangea, P.G. except for habit of growth. This grows as a dwarf tree. It makes an especially attractive lawn specimen.

S-34 Japanese Quince (*Cydonia japonica*) 3 ft. (C)

18 - 24" each \$2.50 2 - 3' each \$3.00

A low growing bush bearing large red flowers that come before the leaves.

SHRUBS—Cont'd.**LILACS****Bin No.**

S-37 Lilac, Persian (*Syringa rothomagensis*) 5 ft. (E)

18 - 24" each \$2.50 2 - 3' each \$3.00

Blooms in May and June. Growth is smaller than common Lilac. Has graceful form with slender straight branches, narrow leaves and bright purple flowers. Does not sucker.

Lilac, French Hybrid 10 ft. (E)

18 - 24" each \$3.00 2 - 3' each \$4.00

This type of Lilac is superior to common varieties in that they bloom more consistently with a profusion of large flowers. They require rich soil and sometimes lime.

S-38 Alfonse LaValle. Large double blue flowers shading to lavender.

S-39 Marie Legraye. Huge pure white flowers. Blooms when young.

S-40 Charles Joly. Large double spikes of crimson violet. Rich red purple.

S-41 President Grevy. Double pale blue.

S-42 Ludwig Spaeth. Always an attention-getter. Double dark red purple.

S-43 Madame Lemoine. Dazzling white double spikes.

—————*

S-44 Maple, Amur (*Acer tartaricum ginnala*) 15 ft. (E)

18 - 24" each \$2.50 2 - 3' each \$3.00

One of the most brilliant of all fall coloring shrubs. A tall tree-like shrub.

S-45 Mockorange (*Philadelphus Coronarius*) 10 ft. (D)

18 - 24" each \$2.00 2 - 3' each \$2.50

Commonly called Syringa Mockorange or Sweet Mock-orange. The old-fashioned kind.

S-46 Mockorange, Dwarf Golden (*Philadelphus aurea*) 4 - 5' (C)

12 - 15" each \$2.50 15 - 18" each \$3.00

A good dwarf shrub for contrast because of its bright golden foliage. Fragrant white blossoms appear in May and June.

S-47 Mockorange, Lemoine (*Philadelphus lemoinei*) 4 - 5 ft. (C)

18 - 24" each \$2.00 2 - 3' each \$2.50

A semi-dwarf shrub with attractive foliage, producing dense racemes of small fragrant white flowers. Small leaves make it ideal for foundation planting.

S-48 Mockorange, Minnesota Snowflake 6 ft. (D)

18 - 24" each \$3.00 2 - 3' each \$3.50

In June and July this new shrub is covered with many, fully double, very fragrant white flowers. Use in shrub border. (Pat.)

SHRUBS—Cont'd.

Bin No.

S-49 Mockorange, Virginal (*Philadelphus virginalis*) 8 ft. (D)
18 - 24" each \$2.50 2 - 3' each \$3.00
Large, semi-double fragrant flowers produced in June and sometimes again in summer.

S-50 Ninebark, Dwarf (*Physocarpus opulifolius nana*) 5 - 6 ft. (C)
18 - 24" each \$2.00 2 - 3' each \$2.50
Small white flowers in May and June followed by attractive red seed pods. The leaves take on a brilliant color in the fall. Good for hedge or foundation.

S-51 Ninebark, Golden Leaf (*Physocarpus aureus*) 6 ft. (D)
18 - 24" each \$2.00 2 - 3' each \$2.50
An attractive plant with golden-green leaves. Used for color accent in the border.

S-52 Prunus, Triloba (*Rose Tree of China*) 8 - 10 ft. (D)
15 - 18" each \$3.00 18 - 24" each \$3.50
The double pink, rose-like flowers bloom in profusion early in the spring before the leaves appear. Very effective as a specimen tree and in the shrub border.

Purple Leaf Plum
A vigorous shrub of upright growth. Foliage is reddish purple with bright red tips. Small pink flowers in May. Select variety for height desired; *Prunus Newport* or *Prunus Cistena*:

S-53 Prunus Newport (*Minnesota Purple Leaf Plum*) 12 - 15 ft. (E)
18 - 24" each \$3.00 2 - 3' each \$3.50
Tree form. Very hardy.

S-54 Prunus Cistena (*Purple Leaf Cherry*) 5 - 6 ft. (C) Shrub Form.
15 - 18" each \$3.00 18 - 24" each \$3.50
The most showy of the purple leaved shrubs. Used for accent in shrub border. Small single pink flowers in May. (Commonly known as Purple Leaf Plum, shrub form and shown in plate book as such.)

S-55 Potentilla Fruticosa (*Bush Cinquefoil*) 2 - 3 ft. (A)
15 - 18" each \$2.50
A very showy shrub bearing an abundance of yellow, rose-shaped flowers beginning about July 1st and lasting 'til frost. Foliage of a pleasing gray-green color and finely textured.

S-56 Potentilla, White 2 - 3 ft. (B)
15 - 18" each \$2.50
Same as S-55 except white blossoms.

SHRUBS—Cont'd.**Bin No.**

S-57 Russian Olive (*Elaeagnus angustifolia*) 20 ft. (E)
 18 - 24" each \$2.00 2 - 3' each \$2.50
 A large sized shrub with silvery appearing foliage. There are small fragrant yellow blossoms in June followed by silvery berries.

Siberian Peashrub—See Caragana S-14 Page 21

S-58 Snowball, Bush (*Viburnum opulus sterile*) 10 ft. (E)
 18 - 24" each \$2.50 2 - 3' each \$3.00
 Good for use in shrub borders. The flowers form snowball-like clusters. No fruits. Blooms early.

S-59 Snowberry, White (*Symporicarpos*) 5 ft. (C)
 18 - 24" each \$2.00 2 - 3' each \$2.50
 Excellent for planting in shady places. The pink colored flowers are followed by showy white berries which remain well into winter. Blooms in June-July.

S-60 Snowberry, Red (Red Coralberry) (*Symporicarpos orbiculatus*)
 18 - 24" each \$2.00 2 - 3' each \$2.50
 4 ft. (B) Purplish-red berries appearing in clusters in late fall. Fine textured foliage. Good foundation planting, endures shade.

S-61 Chenault's Red Improved Coralberry (*Symporicarpos chenaultii*)
 15 - 18" each \$2.00 18 - 24" each \$2.50
 2 ft. (B) A small compact shrub useful for foundation and border plantings. Small, pink flowers appear in mid-July. Fruits are red berries in compact clusters, effective in late fall.

S-62 Spirea, Ash Leaved (Ural False Spirea) (*Sorbaria Sorbifolia*)
 18 - 24" each \$2.00 2 - 3' each \$2.50
 5' (D) Fernlike leaves. Large fragrant spike flowers in June and July. Shade tolerant and suckering habit makes it ideal for use on steep banks and in dense shade. Very attractive.

S-63 Spirea, Anthony Waterer (*Spiraea bumalda*) 2 ft. (B)
 12 - 15" each \$2.00 15 - 18" each \$2.50
 Flat clusters of rosy crimson flowers from June to September. In summer the foliage is green, turning red in fall. Very good for foundation plantings or shrub borders. Semi-hardy.

S-65 Spirea, Billiard (*Spiraea billardi*) 5 - 6 ft. (C)
 18 - 24" each \$2.00 2 - 3' each \$2.50
 Dense spikes of bright pink flowers in June and July. Useful in borders and on banks.

SHRUBS—Cont'd.**Bin No.**

S-66 Spirea, Blue (*Caryopteris clandonensis*) Blue Mist (B) 3 ft.
12 - 18" each \$2.00
Low spreading shrub with clusters of beautiful blue, fragrant flowers. Semi-hardy.

S-68 Spirea, Bridal Wreath (*Spiraea vanhouttei*) 6 ft. (D)
18 - 24" each \$2.00 2 - 3' each \$2.50
A graceful shrub covered with small, pure white flowers in May. One of the most popular Spireas because it blooms profusely. Grows almost anywhere.

S-64 Spirea, Frobeli 3 ft. (C)
18 - 24" each \$2.00 2 - 3' each \$2.50
Similar to Anthony Waterer Spirea except pink flowers May-June and slightly larger. Semi-hardy.

S-69 Spirea, Garland (*Spiraea arguta*) 5 - 6 ft. (C)
18 - 24" each \$2.00 2 - 3' each \$2.50
Has feathery foliage and slender arching branches covered with white blossoms in May. Earlier than Spirea Van Houttei.

S-67 Spirea, Thunbergi 4 ft. (C)
12 - 18" each \$2.00 18 - 24" each \$2.50
Low growing shrub with slender spreading branches. Snow white flowers late April. Feathery bright green foliage.

Syringa—See Mockorange (S-45) Page 17.

S-70 Tamarix (*Tamarix pentandra*) 10 ft. (C)
18 - 24" each \$2.00 2 - 3' each \$2.50
Feathery silver green foliage. Bright pink flowers in fluffy clusters in June and July. Remain in bloom longer, and hardier than other varieties.

Viburnum, dentatum. See Arrowwood (S-6) Page 14.

S-72 Weigela, Eva Rathke 4 - 5 ft. (D)
18 - 24" each \$2.50 2 - 3' each \$3.00
Blooms in abundance. Produces brilliant red flowers in May and June. Semi-hardy.

S-73 Weigela, Varigated 5 ft. (D)
18 - 24" each \$2.50 2 - 3' each \$3.00
A compact grower with varigated leaves. Bears light pink flowers in May and June. Semi-hardy.

S-74 Willow, Dwarf Blue Leaf (*Salix purpurea*) 3 - 4 ft. (B)
18 - 24" each \$1.50
An attractive low growing willow. It is well suited for hedges and borders. The branches are bluish in color. Semi-hardy.

ORNAMENTAL & FLOWERING HEDGES (N)

A well chosen hedge can be an attraction as well as of utility. It is a living wall of green and can be used for a wide range of purposes. Whether it is kept clipped and formal or allowed to develop naturally, it adds greatly to the attractiveness of any landscape. Plant one foot apart for a dense hedge or 18 inches apart in two staggered rows for a full hedge. (Hedge stock is lighter grade than specimen shrub weight.)

Bin No.**RH-1 F. J. Grootendorst Rose Hedge 12 - 15" each \$1.10**

This is often called the red carnation rose. It blooms in mid-June and again throughout the summer. It is one of the most pleasing hedges. Plant 18" to 2' apart.

RH-2 Pink Grootendorst Rose Hedge 12 - 15" each \$1.00

This rose is similar to the F. J. Grootendorst except that it is a light pink color. Because the leaves of roses are deep green the pink stands out more than the Red Grootendorst. Plant 18" to 2' apart.

RH-3 Rose Hedge Hansa

12 - 15"	each \$1.25	Per 100 \$100.00
15 - 18"	each \$1.50	Per 100 \$120.00

This flowering hedge repeats its large deep red highly fragrant blossoms all summer from mid-June until frost. It is very hardy. Plant 18" to 2' apart.

SH-7 Barberry, Green Leaved (*Berberis thunbergi*)

3-Yr. Plants	24 or less	50	100
15 - 18"	each 55¢	\$24.75	\$45.00
18 - 24"	each 75¢	33.00	60.00

Bright green leaves in summer, turning to red in autumn. Has red berries well into winter. The close twiggy branches make this a good hedging variety. Can be kept trimmed as low as 8 inches.

SH-8 Red Leaf Barberry	25 or less	50	100
12 - 15"	each \$.90	\$42.50	\$ 80.00
18 - 24"	each 1.20	55.00	100.00

See description in Shrubs

SH-14 Caragana, Siberian Peashrub

18 - 24"	24 or less	50	100
18 - 24"	each 25¢	\$11.00	\$20.00
2 - 3'	each 30¢	13.50	25.00
3 - 4'	each 35¢	16.50	30.00

A hardy shrub, covered in May with yellow flowers. The leaves are light green. The flowers are followed by long seed pods. Makes a good hedge if kept at or below 6 feet. 3-yr. plants.

HEDGES**DO NOT SELL ITEMS AND SIZES NOT LISTED****HEDGES—Cont'd.****Bin No.****SH-16 Cotoneaster (*Cotoneaster acutifolia*)**

	24 or less	50	100
12" - 18"	each \$.90	\$42.50	\$80.00
18" - 24"	each 1.20	55.00	100.00
2' - 3'	each 1.45	66.00	120.00

An attractive shrub with glossy dark green leaves. Will grow in partial shade. Colors beautifully in fall. Pink flowers in spring followed by black berries. A good medium sized hedge. Can be kept at a height of 2 to 5 feet by trimming. 5-yr. plants.

SH-17 Currant, Alpine (*Ribes Alpinum*)

	24 or less	50	100
12 - 15"	each \$.85	\$40.00	\$70.00
15 - 18"	each 1.10	50.00	90.00
18 - 24"	each 1.50	60.00	115.00

The finest of all low growing hedges. It will grow in partial shade. Can be kept at a height of 1 to 3 feet as desired. 3-yr. plants.

TS-30 Hedgewood (*Ulmus Pumila*)

	25 or less	50	100
12 - 18"	each \$.20	\$ 8.50	\$15.00
18 - 24"	each .25	11.00	20.00

Hardy dwarf Siberian strain of Chinese Elm. Rapid growth. Makes good appearance first summer. Can be kept at a height of 2 to 8 feet.

SH-29 Honeysuckle, Tatarian (*Lonicera*)

	25 or less	50	100
12 - 18"	each \$.40	\$18.50	\$35.00
18 - 24"	each .60	27.50	50.00

A good hardy upright variety grown for hedging purposes. Ideal for snowcatch. Thrives in shade, grows near roots.

SH-37 Lilac, Persian Purple

	25 or less	50	100
18 - 24"	each \$.90	\$41.50	\$75.00
2 - 3'	each 1.10	50.00	90.00

Good for a 6 foot fine leaved background. Does not sucker as does Common Lilac. 3-yr. plants.

SH-76 Privet, (Amur River North) (*Ligustrum Amurense*)

	25 or less	50	100
18 - 24"	each \$.60	\$27.50	\$50.00
2 - 3'	each .75	35.00	65.00

A valuable, fast growing hedge with rich attractive foliage. Semi-hardy. Can be kept 2 to 5 feet tall.

HEDGES—Cont'd.**Bin No.****SH-57 Russian Olive**

	25 or less	50	100
12 - 18"	each \$.20	\$ 8.50	\$15.00
18 - 24"	each .25	11.00	20.00
2 - 3'	each .35	16.00	28.00

Makes a tall hedge with silvery foliage. Very striking and tolerant of drouth and alkali soil. 3-yr. plants.

SH-68 Spirea, Bridal Wreath (*Spirea Vanhouttei*)

	25 or less	50	100
12" - 18"	each \$.60	\$27.50	\$50.00
18" - 24"	each .70	32.50	60.00

One of the most popular spireas as it blooms profusely. Will make a graceful shrub covered with small, pure white flowers in May. A good tall hedge from 6 to 8 feet high.

SH-64 Spirea, Frobel

	25 or less	50	100
12" - 15"	each \$.80	\$37.50	\$70.00

A pink flowering hedge. Never over 3½ feet tall and requires no trimming.

SH-74 Willow, Dwarf Blue Leaf (*Salix purpurea*)

	25 or less	50	100
12 - 18"	each \$.90	\$41.50	\$75.00
18 - 24"	each 1.20	55.00	100.00

An attractive low growing willow. It is well suited for hedges. Foliage and branches are of a bluish color. Semi-hardy.

SH-46 Dwarf Golden Mock Orange

	25 or less	50	100
12 - 15"	each \$2.00	\$90.00	\$170.00

See description in Shrubs

SH-22 Varigated Dogwood

	25 or less	50	100
18 - 24"	each \$1.60	\$65.00	\$125.00

See description in Shrubs

STANDARD ROSES

Our Roses are strong, 2-year plants grown outdoors (not in greenhouses) and are well-rooted, hardy, first-class stock. They are more valuable than Roses sent out by many mail-order houses and sold at low prices by department stores, dime stores, etc. Do not plant Roses in shaded areas. Do plant in rich soil, we recommend $\frac{1}{2}$ well-rotted cow manure and $\frac{1}{2}$ black dirt.

STANDARD VARIETIES

Each \$2.50	3 for \$7.50	6 for \$13.50	12 for \$25.00
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HARDY RUGOSA ROSES 4 FT. (B) (C)

Rugosa Roses are the most hardy and disease resistant. Even in North Dakota they require no winter protection. They blossom throughout the entire summer and have shiny, leathery, dark green foliage. Use them for foundation or border plantings—or beautiful hedges. Plant them as a background for more tender Roses, but don't mix them, because the Rugosa Rose is much larger and bushier.

Bin No.

- R-1 F. J. Grootendorst** — The Carnation Rose. Small, bright, red, fringed flowers in large clusters. Everblooming.
- R-2 Pink Grootendorst** — Double flowers of clear pink instead of red.
- R-3 Hansa** — Double, violet-red flowers of large size. Hardy and dependable, one of the best for hedges.
- R-4 Sir Thomas Lipton** — Snowy white, double flowers of unusual quality and size. Best white Hybrid Rugosa.
- R-5 Amelie Gravereaux** — Beautiful, purple-red, perpetual-blooming Rugosa. Large flower, almost full.
- R-6 Conrad F. Meyer** — Pure silvery pink, surpassing all others of the Rugosa family in beauty of color and fullness of form. Fragrant and hardy, will not mildew or blackspot. Handsome in foliage and valuable as an ornamental shrub.
- R-7 Belle Poitevine** — Everblooming Rugosa, clear pink, huge and double, sweetly scented from June until frost.
Rugosa Rose Collection: One of each illustrated.
6 Roses \$13.50

HYBRID PERPETUAL ROSES (B)

The Hybrid Perpetual Roses are long stemmed Roses, more hardy than most Hybrid Teas, however, they do not bloom as profusely as Floribunda or Tea Roses. These varieties have been tested for years. It has been found that with moderate protection they withstand severe winter climates.

- R-8 Frau Karl Druschki** — (White American Beauty). A Rose superb in every way. Ideal hardy white, pure in color, perfect in form, strong growing and free flowering. Good stems, excellent for cutting.

WRITE BOTH BIN NUMBER AND VARIETY ON ORDERS ROSES

STANDARD ROSES—Cont'd.

Each \$2.50	3 for \$7.50	6 for \$13.50	12 for \$25.00
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Bin No.

R-9 General Jacqueminot — Brilliant scarlet-crimson, large and full, very fragrant. A favorite since 1853.

R-10 Gruss an Teplitz — Vivid crimson, sweetly fragrant. Produces several blossoms on each long stem.

R-11 Paul Neyron — One of the largest of all Roses. Very double and full, bright shining clear pink. Stems almost thornless.

R-12 Harrison's Yellow — Bright yellow, open, semi-double, fragrant flowers borne during most of June on long stems.

R-13 Red Radiance — One of America's favorite reds. Vigorous growing, hardy and free blooming. Very fragrant.
Perpetual Rose Collection: One each of the 6 above.
6 Roses **\$13.50**

FLORIBUNDA ROSES (A)

Floribundas give more color, more continuous bloom than any other plant! Floribunda Roses are particularly adapted to northern climates. They blossom continuously from June 'til frost but require mounding up with soil for general winter protection. They are short stemmed and low growing but have huge sprays of blooms. Plant them in groups of the same variety, 18 inches apart, in your flower borders, for edging walks, low hedges, among evergreens, in window and planting boxes, etc. They are our most popular item, and biggest seller. STANDARD COLORS.

R-14 RED	{	Each	\$2.50
R-15 PINK		3 for	\$7.50
R-16 YELLOW		6 for	\$13.50
R-17 WHITE		12 for	\$25.00

DWARF BABY RAMBLER BUSH ROSES HAVE BEEN
DISCONTINUED AS FLORIBUNDA ROSES
SURPASS THEM IN QUALITY.

HEDGE ROSES — See Hedges, page 21.

CLIMBING ROSES (B)

In our climate, Climbing Roses require winter protection over the roots. The canes should be taken down from the trellis and wrapped. Climbing Roses bloom the second year after planting.

R-18 Blaze each \$3.00
Acclaimed as the only hardy ever-blooming scarlet climber. Blaze combines the vigor, beauty, and hardiness of Paul's Scarlet Climber with everblooming qualities.

R-19 Paul's Scarlet Climber each \$3.00
The scarlet-red, semi-double flowers are freely produced in clusters of 3 to 10. A strong grower; very hardy. Canes are flexible and easily tied to a fence, pergola or post. A more gorgeous mass of spring color is hard to find.

CLIMBING ROSES—Cont'd.**Bin No.**

R-21 **Pink Dorothy Perkins** each \$3.00
 Beautiful shell-pink color.

R-22 **Climbing American Beauty** each \$3.00
 Rich red, delicately veined and shaded. Old-time favorite.

R-23 **K. A. Viktoria** each \$3.00
 Very hardy white climbing rose.

R-27 **Mrs. E. P. Thom** each \$3.00
 Climbing lemon yellow Rose.

PATENTED FLORIBUNDA ROSES (A)**RED VARIETIES**

R-24 **Red Pinocchio** each \$3.00
 Combines the best qualities of Pinocchio and Donald Prior. The 3½-inch, delightfully fragrant Roses are borne in large, long-lasting, unfading clusters. A rich carmine, which deepens and acquires a velvety cast. (Pat. 812).

R-25 **Floradora** each \$3.00
 A cinnabar-red or orange-scarlet Rose. One of the most attractive colors, with 6 to 12 buds per spray, good for cutting or corsages. It opens to a 2-inch flower resembling a camellia. An A.A.R.S. Winner.

PINK VARIETIES

R-26 **Pink Bountiful** each \$3.50
 Lusty, soft pink flowers with dawn-like glow, in long-lasting clusters all summer. A miniature Hybrid Tea Rose 3 inches in diameter. A nutty fragrance adds to its charm. (Pat. 601.)

R-28 **Pinocchio** each \$3.00
 Sprays of winsome buds, rich salmon flushed with gold, open slowly to double, attractively formed blooms 1½ inches across. As the "Sweetheart" flowers open, they gradually change to soft clear pink. (Pat. 484.)

R-29 **Fashion** each \$4.00
 Finest of all Floribundas. Fashion has won more honors than any other Floribunda for form, color, fragrance, disease resistance and all other important qualities. As the flower opens, it becomes luminous coral-pink overlaid with gold, displaying graceful wavy petals and rich golden yellow stamens. Delicate fragrance. Excellent for cutting in bud form; up to 3½ inches across when open. An A.A.R.S. Winner.

YELLOW VARIETIES

R-30 **Goldilocks** each \$3.00
 Rich golden yellow. Lovely buds open to very double blooms up to 3 inches across, on spreading, bushy plants 2½' high. Abundant blooms. Makes a striking display, showy even from a distance. The best yellow Floribunda.

FLORIBUNDA ROSES—Cont'd.**Bin No.**

R-32 Gruss an Aachen each \$2.50
 Yellowish rose with salmon-pink and red shading. A very strong and hearty plant, which has been a favorite for 25 years. Heavy blooming.

WHITE VARIETIES

R-33 White Pinocchio each \$3.00
 A glistening white Pinocchio with flowers about 2½ inches in diameter and fully double, usually borne in large clusters of 30 or more. Rich dark foliage.

The following list of Patented Roses are offered as an accommodation to our sales personnel who have an occasional call for varieties which we do not grow. We do not want these pushed. Sell only on request.

HT Hybrid Teas FB Floribunda

Price each \$4.25

Chrysler Imperial (HT) Crimson Red
 First Love (HT) Pale Dawn Pink
 Golden Masterpiece (HT) Golden Yellow
 Mojave (HT) Salmon, Apricot and Orange
 Pres. Eisenhower (HT) Rose Red
 Show Girl (HT) Deep Pink
 Tiffany (HT) Pink with Golden Yellow
 Queen Elizabeth (FB) Pure Pink
 Circus (FB) Multicolor
 Jiminy Cricket (FB) Pink Coral
 Lilbet (FB) Pink tones
 Ma Perkins (FB) Pink Red shading
 Spartan (FB) Sparkling Orange Red
 Vogue (FB) Cherry Coral

PATENTED HYBRID TEA ROSES (B)

2 Year Heavy, Extra Select.

From the hundreds of Hybrid Tea Roses we have selected those considered most hardy for our climate—yet none survive without adequate winter protection. They all bloom heavily the first year, and by autumn you'll agree they are worth spraying regularly in summer and protecting over winter. All have long stems for cutting.

BICOLORED VARIETIES**Bin No.**

R-34 Forty-niner each \$3.50
 Most brilliant of all bicolors. Dazzling chrome-yellow on the outside of the petals; vivid Orient-red changing to cherry-red on the inside. Colors contrast vividly. The vigorous plant is tall and upright, and the stems are long, straight and sturdy, with few thorns. A.A.R.S. Winner for 1949. (Pat. 792.)

HYBRID TEA ROSES—Cont'd.**Bin No.****RED VARIETIES**

R-37 Crimson Glory each \$2.50

The beautiful, flaring, urn-shaped buds open into wonderful flowers of velvety crimson with black and maroon shadings. One of the ten most popular Roses in America and voted the most fragrant by the American Rose Society.

R-38 Charlotte Armstrong each \$4.00

Winner of the sole 1941 All-America Award. This and Peace are the most popular Roses the country over. Its long, slender, cerise buds and magnificent open flowers are favorites in thousands of gardens. (Pat. 455.)

R-39 Mirandy each \$4.00

Features big ovoid buds of deep red. The flower displays new beauties of form as the petals unfold, eventually becoming a huge full bloom of 50 petals of dark glowing red, with full-bodied fragrance. Plants medium in height, vigorous and free branching. A.A.R.S. Winner, 1945. (Pat. 632.)

R-40 Nocturne each \$4.00

Dark red with maroon shadings. The buds are long and gracefully shaped. Produces many flowers. The stems are long; the foliage large and luxuriant. A.A.R.S. Winner, 1948. (Pat. 713.)

ROSE, PINK AND SALMON VARIETIES

R-48 Katherine T. Marshall each \$3.50

A pink of rare beauty and form. A.A.R.S. Award, 1944. It is a clean, sparkling, warm pink of vigorous growth with large, open, friendly blooms. Frequently individual flowers are more than 5 inches across, but the petals are so heavy and sun resistant that they stand up well under all conditions. Very bushy and strong grower, it is a particularly tall, striking plant in keeping with the large, warm pink flowers. Exceptionally good for cutting. (Pat. 607.)

R-49 Diamond Jubilee each \$3.50

A.A.R.S., 1948. One of the longest lasting of Hybrid Tea Roses. The warm, glowing buff-orange blooms open slowly. (Pat. 824.)

YELLOW VARIETIES

R-50 Soeur Therese each \$2.50

Buttercup-yellow. An astonishing Rose with buds in candelabras, each with its own cutting stem.

R-53 Peace each \$4.00

This All-America Winner for 1946 is one of the most beautiful of all Roses and has probably won more prizes in shows than any other Rose in existence. Lovely shades of gold, cream and pink. The perfect, 5 to 6-inch bloom takes your breath away. Very vigorous and hardy. (Pat. 591.)

R-54 Sutter's Gold each \$4.00

This 1950 All-America Winner has long, bright yellow buds shaded red and orange. It is the most fragrant of all yellow Roses. (Pat. 885.)

WRITE BOTH BIN NUMBER AND VARIETY ON ORDERS ROSES

SPECIAL HYBRID TEA ROSES — \$2.25 EACH

Bin No.

R-13 Red Radiance (red)
R-18 Blaze Climber (red)
R-37 Crimson Glory (red)
R-50 Soeur Therese (yellow)
R-60 Etoile de Holland (red)
R-61 Mrs. E. P. Thom (yellow)
R-62 Mrs. P. S. DuPont (yellow)
R-63 K. A. Viktoria (white)
R-64 Editor McFarland (pink)
R-65 Picture (pink)
R-67 Pink Radiance (pink)
R-68 Condesa de Sastago (bicolored)
R-70 Pres. Hoover (bicolored)
R-66 Collection of 13 Roses above \$27.00

PATENTED HYBRID TEA CLIMBING ROSES (B)

Bin No.

R-57 Dr. J. H. Nicolas each \$4.00

Repeat blooms all during the season. It has richly fragrant, double, rose-pink blooms 6 inches and more across. Extremely hardy and vigorous. (Pat. 457.)

R-58 High Noon each \$4.00

Buds of intense, shining yellow. Makes a perfect 8 to 10-foot pillar against a wall or trellis where its blooms and glossy foliage show off. From early spring until late fall you can cut beautiful, long-stemmed Roses. A.A.R.S., 1948. (Pat. 704.)

R-59 Climbing Peace each \$4.00

This new climbing sport has the same foliage, stems and perfectly formed flowers which have made Peace a top favorite. The deep yellow buds slowly open to glorious 5-inch blooms in shades of canary-yellow, pale gold, cream, pearly white, and apple-blossom pink. (Pat. 932.)

NOTE: "A.A.R.S. Award Winner" indicates one of the Roses selected by All-American Rose Society as one of the 10 best for the year.

CRABS — FLOWERING AND ORNAMENTAL (F)

Small trees which flower in May and are very desirable for landscape purposes. They take the place of Japanese Cherries which aren't hardy here.

F-101 Almey Crab (F) Price each — 4 - 5' \$6.00 5 - 6' \$8.00

A flowering crab with large blossoms of fiery crimson. The blooms are very large and this crab will bloom when it is very young.

F-24 Dolgo Crab (G) Price each — 5 - 6' \$4.00 6 - 8' \$5.00

A very good jelly crab. Pink and white flowers followed by fiery red fruit. Beautiful either as an ornamental or for fruit.

F-103 Hopa Crab (F) Price each — 5 - 6' \$5.00 6 - 8' \$6.00

A beautiful red flowering crab. Entirely covered with flowers in April. Red ornamental fruit which hangs on until late autumn.

ORNAMENTAL AND SHADE TREES**Bin No.**

T-1 Ash, Green (*Fraxinus Lanceolata*) 50 - 60 ft. (G)

Price each — 5 - 6' \$5.00 6 - 8' \$8.00 8 - 10' \$11.00
A fast growing, long lived tree. Suitable for planting in light and heavy soils on lawn or boulevard. Very hardy, not easily broken by storms.

T-2 Birch, Cut Leaf Weeping (*Betula pendulata laciniata*)

Price each — 5 - 6' \$8.00 6 - 8' \$10.75 8 - 10' \$13.50
30-40 ft. (G) An outstanding, graceful tree with white bark. The drooping limbs carry a cutleaf foliage.

T-3 Birch, European White (*Betula pendulata alba*) 30-40 ft. (G)

Price each — 5 - 6' \$5.50 6 - 8' \$8.25 8 - 10' \$11.00
A graceful tree with white bark and slender branches. Leaves are dark green and are a pointed oval shape. Excellent lawn tree. Plant 3 or 5 in same hole to make a clump.

T-4 Clump Birch (*Betula Pendulata Alba*) 30 - 40 ft. (G)

Price each 6 - 7' \$10.00

Three or more White Birch stems from one root. Very smart as accent point in landscaping.

T-7 Elm, American (*Ulmus Americana*) 60-100 ft. (G)

Each — 5 - 6' \$3.50 6 - 8' \$5.50 8 - 10' \$7.50 10 - 12' \$10.00
A wide spreading and fast growing tree. Very graceful and hardy.

T-30 Elm, Chinese (*Ulmus Siberica*) 40-70' (G)

Each — 5 - 6' \$3.00 6 - 8' \$5.00 8 - 10' \$7.00
Fastest growing shade tree. Short lived.

BUDDED ELMS — We feature three grafted upright forms of the American Elm which have the best symmetrical form, smooth dark bark and deep green foliage.

Price each — 5 - 6' \$6.50 6 - 8' \$8.75 8 - 10' \$11.50

T-8 Elm, Lake City (G) 60'

T-9 Moline Elm (G) 60'

T-10 Minneapolis Park Elm (G) 60'

BUDDED ELMS—Cont'd.**Bin No.****T-11 Hackberry (*Celtis occidentalis*) 60 - 70 ft. (G)**

Price each — 5 - 6' \$5.50 6 - 8' \$8.25 8 - 10' \$11.00

A very hardy native tree. A very strongly branched upright tree with oval shape. Has distinctive rough bark. Superior to Elm, slower growing.

T-22 Locust, Sunburst (Pat.) 40 ft. (G) unbranched each 6 - 7' \$13.50

Same foliage as Morraine except leaves are yellow. Very new and hardy.

T-12 Locust Moraine (Pat.) 50 ft. (G) 6 - 7' unbranched ea. \$13.00

A new patented tree completely seedless and thornless with pleasing vase-like shape. Similar to the Elm. The small compound leaves make a filtered shade permitting a better stand of grass and they leave very little litter when they drop. Not hardy in Minnesota.

T-13 Locust, Thornless Honey Locust (*Gleditsia triacanthos inermis*)

Price each — 5 - 6' \$5.50 6 - 8' \$8.25 8 - 10' \$11.00

50 ft. (G) Fragrant white flowers in late May. Long lived, hardy trees, disease free, large edible pods. Easy to grow grass underneath this small leaved tree.

T-14 Linden, American (*Tilia americana*) 70-80 ft. (G)

Price each — 5 - 6' \$5.50 6 - 8' \$8.25 8 - 10' \$11.00

Also known as Basswood. Compact branching with an oval crown. Grows rapidly. After the leaves have formed it bears clusters of small, fragrant white flowers. Tree has large glossy leaves.

T-20 Maple, Crimson King (*Acer platanoides schwedleri nigra*)

40 - 50 ft. (G)	5 - 6'	6 - 8'	No Branched
Unbranched	\$8.00	\$8.75	

A brilliant new Maple. In the spring Crimson King carries rich purple foliage and this color is retained until leaves drop in the fall.

T-15 Maple, Silver Varigated 50 - 60' (G)

Price 5 - 6' unbranched \$7.50 6 - 8' unbranched \$10.00

A novel and interesting form of Norway Maple — Bi-Color Foliage green and white. Green leaves with white edging that follows the contour of the leaf.

T-17 Maple, Norway (*Acer platanoides*) 50 - 60 ft. (G)

Price each unbranched—5 - 6' \$4.00 6 - 8' \$6.00 8 - 10' \$8.00

A very popular shade tree with rounded head. Has large dark green leaves turning yellow in the fall.

T-16 Maple, Sugar or Hard (*Acer saccharum*) 50 - 75 ft. (G)

Price each 6 - 8' \$10.00 8 - 10' \$12.50

Has beautiful fall coloring in shades of red, yellow and orange.

MAPLES—Cont'd.**Bin No.**

T-18 Maple, Schwedler or Red Leaved (*Acer schwedleri*) 40 - 50 ft. (G) 5 - 6' 6 - 8' 6 - 8'
 Unbranched \$5.50 \$8.00 Branched \$10.00
 Leaves are dark red in spring, changing to reddish green in summer. A beautiful ornamental tree.

T-19 Maple, Silver or Soft (*Acer saccharinum*) 75 - 100 ft. (G)
 Price each — 5 - 6' \$4.00 6 - 8' \$5.00 8 - 10' \$7.00
 An attractive, fast growing tree. The leaves are silvery green on the under side and light green on the upper side, turning bright yellow in fall.

T-21 Mountain Ash (*Sorbus Aucuparia*) European 20 - 30 ft. (G)
 Price each — 5 - 6' \$5.00 6 - 8' \$7.50 8 - 10' \$10.00
 Small round top tree, flowers and fruits larger than other varieties. Do not plant in dry exposed sites. Wrap trunk to protect from sunscald. For a unique effect plant 3 in a clump.

T-27 Pin Oak (*Quercus Polustris*) 30 - 40' (G)
 Price each 5 - 6' \$10.00
 Pyramidal with stiff horizontal branches. Easiest Oak to transplant. Fastest grower of Oak family. Leaves become brilliant red in fall and hang on most of winter.

T-23 Poplar, Bolleana (*Populus alba bolleana*) 60 ft. (E)
 Price each — 5 - 6' \$3.00 6 - 8' \$4.50 8 - 10' \$6.50
 Ideal for screening. Smooth green-gray bark. Leaves are dark green and silvery on underside. A rapid grower and long lived.

T-24 Poplar, Lombardy (*Populus nigra italicica*) 60 ft. (E)
 Each — 5 - 6' \$1.25 6 - 8' \$2.25 8 - 10' \$3.00 10 - 12' \$4.00
 An erect and narrow tree. Rapid growing. Can be used for accent in landscaping or for screening.

T-25 Poplar, Northwest (*Populus deltoides* var.) 80 ft. (F)
 Price each — 5 - 6' \$2.00 6 - 8' \$3.00 8 - 10' \$4.00
 An improved variety over Carolina & Norway. Very rapid grower.

T-26 Poplar, Silver (*Populus alba*) 70 ft. (G)
 Price each — 5 - 6' \$5.00 6 - 8' \$7.50 8 - 10' \$10.00
 Spreading growth, very hardy especially in dry and cold areas. Suckering habit.

T-28 Weeping Willow Niobe (*Salix alba vitellina pendula*) 50 ft. (G)
 6 - 8' \$5.00 8 - 10' \$7.00
 Golden yellow bark and branches. Hardest of the Weeping Willows. Plant in the background, never close to house.

SEEDLINGS WRITE BOTH BIN NO. AND VARIETY ON ORDERS

**HARDY FOREST TREE SEEDLINGS
FOR WINDBREAKS AND SHELTER BELTS**

(Also see Hedge Pages 21 thru 23 for additional Snow Catch Stock)
Bundled in 25 - 50 - 100. Bundles Not Broken.

The varieties of trees and shrubs used in the farm windbreak depend on the terrain and local climatic and soil conditions. Consult the Windbreak Description in the plate book and literature issued by your State University and available through County Extension Agents. In general, windbreak trees are spaced 6 feet apart in rows. Snowcatch Shrubs 3 feet apart in rows. Rows should be 10 - 12 feet apart to allow for tractor cultivation. Inside rows should be 100 feet from farm buildings. Windbreaks are needed on North and West sides of a farmstead and often on East and South sides also.

Bin No.

TS-1 Ash, Green 50 ft.

	12 - 18"	18 - 24"	2 - 3'	3 - 4'
Per 100	\$10.00	\$12.50	\$16.00	\$22.00

A native tree of fine symmetrical outline. Thrives best in North and South Dakota. Branches seldom break.

TS-29 Box Elder 50 ft.

	12 - 18"	18 - 24"	2 - 3'	3 - 4'
Per 100	\$10.00	\$12.50	\$16.00	\$22.00

This species is easily distinguished by the pinnate leaves and greenish-yellow bark. It grows rapidly into a large, spreading tree; found valuable for planting timber claims, shelter belts, etc., in the West, where it endures both drought and cold.

SS-14 Caragana, Arborescens 12 ft.

	12 - 18"	18 - 24"	2 - 3'	3 - 4'
Per 100	\$12.50	\$15.00	\$20.00	\$25.00

Thrives in any well drained soil. Very compact in its growth and desirable for a medium or tall growing hedge. Hardy in the most exposed locations.

TS-7 Elm, American, White 60 ft.

	12 - 18"	18 - 24"	2 - 3'	3 - 4'
Per 100	\$10.00	\$15.00	\$20.00	\$25.00

This is the noble spreading and drooping tree of our own forests. A fast grower, extremely hardy and desirable for shelter belt planting.

TS-30 Elm, Chinese 40 ft.

	12 - 18"	18 - 24"	2 - 3'	3 - 4'
Per 100	\$10.00	\$15.00	\$20.00	\$25.00

A hardy strain of a very fast growing tree which will attain windbreak size almost as soon as the Poplars or Willows. Particularly adapted to dry, arid territory. Short lived.

SH-29 Honeysuckle, Tatarian (*Lonicera*)

	25 or less	50	100
12 - 18"	each \$.35	\$16.50	\$30.00
18 - 24"	each .55	24.75	45.00

A good hardy upright variety grown for hedging purposes. Ideal for snowcatch. Thrives in shade, grows near roots.

Bin No.**TS-33 Locust, Honey 50 ft.**

	12 - 18"	18 - 24"	2 - 3'
Per 100	\$10.00	\$12.50	\$16.00

Tree of very open, handsome habit and finely divided foliage. Winter bark brown and olive, while twigs shine as if polished. Hardy.

TS-19 Maple, Silver or Soft 75 ft.

	12 - 18"	18 - 24"	2 - 3'	3 - 4'
Per 100	\$10.00	\$12.50	\$16.00	\$22.00

A magnificent shade and ornamental tree of rapid growth. It is perfectly hardy and will thrive in any soil and in any locality. The leaves are beautifully shaped and have a silvery gleam. The hardiness and ease of culture of this tree make it one of the most popular.

TS-38 Plum 30 ft.

	12 - 18"	18 - 24"	2 - 3'
Per 100	\$12.50	\$15.00	\$20.00

Makes a rapid thick growth, hardy, good too for wildlife and erosion control. Good for snowcatch.

TS-31 Poplar, Cottonwood 80 ft.

	2 - 3'	3 - 4'
Per 100	\$16.00	\$20.00

A tall native tree with shiny leaves, attaining a height of 80 to 100 feet. Grows rapidly and is very hardy, thriving under most adverse conditions.

TS-25 Poplar, Northwest 80 ft.

	3 - 4'	4 - 5'
Per 100	\$25.00	\$40.00

A recent introduction that is proving very popular on account of its extreme hardiness. Particularly adapted to North Dakota, Montana and Northern Minnesota.

TS-32 Poplar, Norway 80 ft.

	3 - 4'	4 - 5'
Per 100	\$25.00	\$40.00

Unexcelled for its quick growth and effect. It outgrows the Cottonwood and is extensively planted where quick groves and windbreaks are desired. This variety is highly recommended by the government to be planted for lumber purposes.

TS-24 Poplar, Lombardy 50 ft.

	3 - 4'	4 - 5'
Per 100	\$35.00	\$50.00

Of obelisk form, grows rapidly. Used for screen hedges. Makes a striking feature in any landscape and windbreak.

SEEDLINGS CASHMAN NURSERIES, INC., OWATONNA, MINN.

Bin No.

TS-34 Russian Mulberry 20 ft.

	12 - 18"	18 - 24"	2 - 3'
Per 100	\$10.00	\$12.50	\$16.00

Like Plum, good for wildlife and erosion control. Edible fruit not good flavor.

SS-57 Russian Olive 30 ft.

	12 - 18"	18 - 24"	2 - 3'
Per 100	\$15.00	\$20.00	\$25.00

A very large growing shrub. The leaves are narrow and silvery in color. Stands trimming well, perfectly hardy and easy to grow.

TS-35 Willow, Golden Russian 50 ft.

	12 - 18"	18 - 24"	2 - 3'	3 - 4'
Per 100	\$12.50	\$15.00	\$20.00	\$25.00

A very showy variety, with golden bark of high color, and very showy in winter. Valuable for windbreaks.

TS-36 Willow, Laurel 25 ft.

	12 - 18"	18 - 24"	2 - 3'	3 - 4'
Per 100	\$14.00	\$17.00	\$22.00	\$27.00

A handsome, close-growing tree, leaves dark, glossy green and highly ornamental. Extensively planted for windbreak and hedge purposes. Requires heavy soil.

TS-37 Willow, Giant White 50 ft.

	12 - 18"	18 - 24"	2 - 3'	3 - 4'
Per 100	\$12.50	\$15.00	\$20.00	\$25.00

This is the large Willow that has been used so many years for hedges around farms. It does the best in low places.

ORNAMENTAL EVERGREENS

The Evergreen family is our most valuable aid in beautifying our surroundings. They are valuable even in the smallest place because they prevent a look of bareness in the winter months. Our soil and climate are ideally suited to their growing habits. They serve well when used as a year around screen or windbreak.

Possibly the most popular use of the Evergreen is in the foundation planting. A planting of this type is used mainly to blend the home and landscape together. These plantings will include a variation in height and depth according to the architecture of the home. Tall, narrow varieties such as the Upright Junipers and Arbor Vitea are usually planted either at the entrance or on the corners of the home. Lower growing varieties are planted between them. Evergreens can also be attractively grouped with deciduous trees and used as a background for blooming shrubs.

Evergreens may be safely moved and planted everywhere in the spring. Fall planting in mild, moist areas only. They are dug with solid balls (balled in burlap) so the roots lose none of their effectiveness.

All Evergreens have different growing habits and their ultimate sizes vary. For this reason it is important to select the Evergreens best suited for specific positions in your plantings.

Most of the Evergreens listed will require trimming. Trimming will keep an Evergreen at a desired size and also regular, timely trimming will insure a more compact Evergreen.

The majority of the Evergreens like considerable sunshine, however, there are some varieties which will tolerate shade. The Yews (*Taxus*) are tolerant of north exposures. Arbor Vitea, Pfitzers and Mugho Pine will grow in partial shade.

Evergreens require tremendous quantities of water in fall to go into the winter as they never become dormant. They are most often attacked by Red Spider and the best remedy is to dust or spray with Ovatran. Protect from dogs by wire fence or clusters of Barberry Shrubs.

CREEPING or PROSTRATE EVERGREENS

Sell these by width, not height.

Bin No.

E-4 Juniper, Andorra (*Juniperus horizontalis plumosa*) (H)

	Width	15 - 18"	18 - 24"	24 - 30"
Price each		\$9.00	\$11.25	\$14.00

This low spreading Evergreen is noted for its change of color. In the summer it is grayish green turning to pink in the fall. A good Evergreen for contrast foundation planting. Will grow from 4 to 5 feet across and not over 15 to 18 in. high. Good also for covering banks.

EVERGREENS CASHMAN NURSERIES, INC., OWATONNA, MINN.

MEDIUM LOW EVERGREENS

E-5 Juniper, Pfitzer (*Juniperus chinensis pfitzeriana*) (H)

	Width 15 - 18"	18 - 24"	24 - 30"
Price each	\$9.00	\$11.25	\$14.00

The most popular of the low spreading Evergreens. Very hardy and will tolerate partial shade and also does well in full sunlight. Can be kept to a desired size by trimming. Foliage is of a green color. Used very well in foundation planting.

E-6 Juniper Pfitzer Blue (*Juniper Glauca Hetyi*)

	Width 15 - 18"	18 - 24"	24 - 30"
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Price each	\$9.00	\$11.25	\$14.00
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Same as Juniper Pfitzer only blue in color.

E-7 Juniper, Savin (*Juniperus sabina*) (H)

	Width 15 - 18"	18 - 24"	24 - 30"
Price each	\$9.00	\$11.25	\$14.00

A very popular Evergreen for foundation plantings. It is low growing and vase-like in shape. It can reach a diameter and height of 4 ft. but can be kept to a desired size by trimming. The foliage is dark green.

E-8 Yew, Spreading (*Taxus cuspidata nana*) (*Spreading Taxus*)

	Width 15 - 18"	18 - 24"	24 - 30"
Price each	\$15.00	\$18.00	\$21.00

A low spreading Evergreen very suitable for foundation planting. They grow well in the shade. Foliage is dark, glossy green.

ROUND, LOW EVERGREENS

E-9 Pine, Mugho (*Pinus mughus*) (J)

	Width and height 12 - 15"	15 - 18"
Price each	\$9.50	\$12.00

A round, compact, low growing dwarf Pine. Desired size can be controlled by trimming. Needles are a deep green color. It must be kept well cultivated and watered. Very good for foundation planting.

E-10 Arbor Vitea, Siberian (*Thuja occidentalis wareana*) (J)

	Width 15 - 18"	18 - 24"	24 - 30"
Price each	\$9.00	\$11.25	\$14.00

A very hardy conical shaped Evergreen. The foliage is dark green, thicker and heavier than the American Arbor Vitea. Can be trimmed very easily.

E-11 Arbor Vitea, Global (*Thuja occidentalis*) 4 ft. (J)

	Width 15 - 18"	18 - 24"	24 - 30"
Price each	\$9.00	\$11.25	\$14.00

Flat lacy light green foliage arranged in sprays. Fast growing. Stands partial shade.

NARROW, UPRIGHT EVERGREENS

Evergreen shown under wider forms can be kept narrow by shearing.

Bin No.**E-12 Arbor Vitea, Pyramidal (*Thuja occidentalis pyramidalis*) (K)**

Height	18 - 24"	24 - 30"	30 - 36"	3 - 4'
Price each	\$8.50	\$10.75	\$13.50	\$17.00

A very popular rapid growing Evergreen. It is tall and narrow and bright green in color. Very good for accenting doorways.

E-13 Upright Yew (*Taxus Capitata*)

Height	18 - 24"	24 - 30"	30 - 46"
Price each	\$17.00	\$21.00	\$25.00

E-14 Juniper, Dundee (*Juniperus virginiana hilli*) (K)

Height	18 - 24"	24 - 30"	30 - 36"
Price each	\$9.50	\$12.25	\$15.00

This fine, upright growing Evergreen has an unusual purple winter color and is grayish green in summer. If trimmed it becomes close and compact and can be kept at a desired height for many years. If left untrimmed it will grow larger and have a looser growth.

WIDER, PYRAMIDAL EVERGREENS**Bin No.****E-17 Arbor Vitea, American (*Thuja occidentalis*) 20 ft. (L)**

Height	18 - 24"	24 - 30"	30 - 36"	3 - 4'
Price each	\$8.50	\$10.75	\$13.25	\$17.00

The foliage is flat, arranged in sprays of lacy green. Stands trimming very well. Works out very well as a hedge. Grows faster than most Evergreens. Will stand partial shade.

E-18 Juniperus Scopulorum (Blue) (Blue Juniper) (L)

Height	18 - 24"	24 - 30"	30 - 36"
Price each	\$9.50	\$12.25	\$15.00

(L) This upright growing Juniper has attractive silvery foliage. It is very hardy and a dense, showy grower. Can be easily trimmed and kept in a narrow shape, to (K).

E-19 Juniper Virginiana (Red Cedar) (L) or (K)

Height	18 - 24"	24 - 30"	30 - 36"	3 - 4'
Price each	\$8.00	\$10.00	\$12.50	\$16.00

Splendid blue-green in summer, purplish-red in winter. Extremely hardy under dry conditions.

E-21 Juniper Scopulorum Green (Green Juniper) (L)

Height	18 - 24"	24 - 30"	30 - 36"	3 - 4'
Price each	\$9.50	\$12.25	\$15.00	\$18.00

TREE-LIKE EVERGREENS

E-1 Spruce, Black Hills (*Picea glauca densata*) 50 ft. (M)

Height	18 - 24"	24 - 30"	30 - 36"	3 - 4'	4 - 5'
Price each	\$8.50	\$10.75	\$12.50	\$16.00	\$21.00

This tree is very hardy and highly resistant to drought. Foliage color is deep green but occasionally takes on a blue sheen. Very compact growing habit.

E-2 Spruce, Colorado Blue (*Picea pungens glauca*) 50 ft. (M)

Height	18 - 24"	24 - 30"
Price each	\$13.00	\$16.00

A beautiful Evergreen known for its very blue color. Very popular for lawn specimens. It has a symmetrical, conical outline. Very hardy.

E-24 Spruce, Colorado Green (*Picea Pungens*) 40 ft. (M)

Height	18 - 24"	24 - 30"
Price each	\$11.00	\$14.00

A Spruce similar to the Colorado Blue in habit of growth. Foliage is a deep green, in some cases it appears waxy. Very sturdy branches and is extremely hardy.

E-20 Balsam Fir (*Abies Balsamea*) (M)

Height	18 - 24"	24 - 30"
Price each	\$8.00	\$10.00

For heavy soils and moist conditions. Often grown for Christmas Trees. Short, blunt, flat flexible needles.

E-22 Ponderosa Pine and E-27 Austrian Pine — Long Needle Pines

Height	18 - 24"	24 - 30"	30 - 36"
Price each	\$9.50	\$11.75	\$14.00

E-25 Douglas Fir (*Pseudotsuga taxifolia*) (M)

Height	18 - 24"	24 - 30"
Price each	\$10.00	\$12.50

One of the most beautiful Evergreens. Flat dark green needles.

E-26 Concolor Fir (*Abies Ceneator*) (M)

Height	30 - 36"	3 - 4'
Price each	\$23.00	\$28.00

Flat blue green needles 2 - 3 inches long. Not hardy north of Minneapolis.

SPECIALTY ITEMS**CASHMAN'S ARASAN TREATED LAWN GRASS SEEDS****#100 Cashman Super Lawn Seed**

60% Kentucky Blue Grass, 20% Perennial Rye, 5% Hyland Bent-grass, 5% Red Top, 5% Poa Trivialis, 5% White Dutch Clover.

#200 Cashman Superior Shady Lawn Seed

25% Kentucky Blue Grass, 25% Poa Trivialis, 25% Creeping Red Fescue, 5% White Dutch Clover, 20% Perennial Rye.

\$1.90 per pound, \$1.80 10 lbs. or more, \$1.70 25 pounds or more.
Prices same for both kinds of seed.

Ovatron \$1.25 per lb.

RA-PID-GRO PLANT FOOD

5 lbs.	\$ 5.00
10 lbs.	9.50
25 lbs.	23.00

F.O.B. Owatonna

Fertamix Applicator \$3.95

The most simplified Fertilizer Applicator.

Easiest method known for feeding modern lawns and gardens.

Every order should include 5 or 10 lbs. of RA-PID-GRO, the approved formula for plant food.

RA-PID-GRO contains both Vitamin B1 and B2, but separately or combined, these vitamins do not supply all the nourishment required by plant life. While vitamins have a definite value in the promotion of root growth, it is necessary that other food elements which nature has provided for the development and growth of plant life be included. Therefore, to the vitamins in RA-PID-GRO are added eleven other needed food elements. RA-PID-GRO has been called "The Miracle Plant Food" because of the phenomenal results obtained by this almost perfect combination.

RA-PID-GRO contains no inert materials (sand, cocoanut shells or brick dust). Every bit is 100% plant food and when applied in solution it is immediately absorbed by the plant roots. No waiting for weeks to obtain growth or color. RA-PID-GRO gets results in an amazingly short time.

RA-PID-GRO is also called "The Plant Blood Donor" because it is immediately taken in by the plant feeders and sustains life and develops growth.

The principle of this food is to feed the plant itself, not the earth. A healthy plant will itself feed the earth, and healthy plants are produced by RA-PID-GRO which is composed only of the purest chemicals, vitamins and hormones.

EACH POUND of RA-PID-GRO makes 176 pounds of liquid fertilizer or plant food when water is added. Thus, many transportation dollars are saved.

RA-PID-GRO insures success, for it speeds up production and assures an abundant crop. Many gardens are in cramped quarters. RA-PID-GRO will make the yield of that small space compare more than favorably with that of much larger gardens which have not been fed.

All plant food must be in liquid form before it is available to the plants. When RA-PID-GRO is applied according to directions a rainfall is not necessary to make the food available to the plant.

Assure your customers of the Best possibilities of a 100% successful planting by dipping them in a solution of RA-PID-GRO before planting.

DIPPING CHART

Add 22 gallons of water to each pound of RA-PID-GRO. Use tub or pail and place roots in the solution.

TREES—Four minutes. **SHRUBS**—Three minutes. **EVERGREENS WITH BALL**—Five minutes (leave burlap on). **VEGETABLES and PLANTS**—Dip and Out. **BERRIES** (all kinds)—Dip and Out. **STRAWBERRIES**—Dip and Out. Use remaining solution for watering after planting. Feed with RA-PID-GRO every four weeks after planting. For Vegetable Seeds use sprinkling can. Sprinkle seeds with RA-PID-GRO before covering. For Potted Plants—1 level teaspoonful to a quart of water. Feed every two weeks.

INSTRUCTIONS FOR FEEDING RA-PID-GRO DURING THE GROWING SEASON

Use Sprinkling Can or Tri-Con Sprayer (See Below)
NURSERY STOCK

TREES—See Dipping Chart. One teaspoonful of RA-PID-GRO to every quart of water. **ALWAYS ADD WATER.** TWENTY-TWO GALLONS OF WATER TO EACH POUND OF RA-PID-GRO. Feed every two weeks, the first year, then once each month thereafter. 4 to 5 ft. trees—one gallon liquid RA-PID-GRO. 6 to 7 ft. trees—two gallons liquid RA-PID-GRO. Larger trees—add one-half gallon to every two feet. To feed the foliage, add double the amount of water. This can be sprayed on the tops.

SMALL FRUITS—Berries, Gooseberries, Currants, Grapes—See Dipping Chart. After planting, feed every two weeks the first season, then every month. Use one quart of liquid RA-PID-GRO to a plant. Feed at the base of the plant. When feeding the foliage, use twice the amount of water.

EVERGREENS—Healthy Evergreens resist red spider and other diseases. Feed around the base, after loosening the earth with a fork. Feed once every ten days during the first season. Thereafter, feed once every month, during the growing season.

18 to 24 inch trees—one gallon liquid RA-PID-GRO. Larger trees—add one-half gallon liquid RA-PID-GRO to every foot.

ORNAMENTALS—Use the liquid RA-PID-GRO in planting all trees. Puddle them in. Feed them every ten days during the first year. 2 to 3 ft. trees—one gallon liquid RA-PID-GRO. Add one-half gallon liquid RA-PID-GRO to every foot above this. On large trees, 4 inches or better in diameter, make holes around the base of tree, from 1 ft. to 2 ft. in depth, as far out as the spread of the branches. Fill these holes with liquid RA-PID-GRO. Do this each month during the growing season.

RA-PID-GRO — TRI-CON — FOR MODERN FERTILIZING

LAWNS — As soon as seed is sown, take a sprinkling can, use one teaspoonful to each quart of water. Sprinkle well until top earth is well dampened. Feed every ten days for two months, once a month thereafter. Old lawns, feed the same. Use Tri-Con Sprayer for speedy application.

VEGETABLES — Soak the earth well with liquid RA-PID-GRO, on top of row as soon as covered. When plant appears, feed along side of row with sprinkling can, with nozzle removed.

HOW TO ESTIMATE A SEASON'S REQUIREMENTS—

We Recommend for Each 100 Lbs. of Other Fertilizer Used in the Past — Purchase Only 1 Lb. of RA-PID-GRO.

LOT 40' x 60'—with approximately 15 shrubs, 20 ft. hedge, 3 fruit trees, 2 evergreens, 12 roses and lawn of 800 square feet requires 5 POUNDS OF RA-PID-GRO FOR SEASON'S FEEDING.

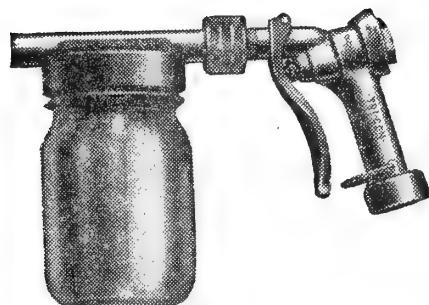
LOT 40' x 100'—with approximately 25 shrubs, 3 shade trees, 4 fruit trees, perennials, grapes, raspberries, 10 evergreens, vegetable garden, bulbs and lawn of 1500 square feet requires 10 POUNDS OF RA-PID-GRO FOR SEASON'S FEEDING.

LOT 75' x 150'—with approximately 4 dozen roses, 40 shrubs, 4 shade trees, perennials, 6 evergreens, hedge, vegetable garden, strawberries, raspberries, grapes, bulbs, 10 fruit trees and lawn of 4,000 square feet requires 20 POUNDS OF RA-PID-GRO FOR SEASON'S FEEDING.

TRI-CON FERTILIZING UNIT NO. 500

\$6.00 each postpaid. Complete with dual nozzle and sprinkler base. No C. O. D.'s.

For use with RA-PID-GRO on Lawns and for Foliage Feeding we recommend the TRI-CON Lawn Fertilizing Unit.



The new TRI-CON method soaks the RA-PID-GRO fertilizer in as you apply it. Gardeners everywhere acclaim it as the best method ever devised for even, safe, effective distribution. Puts the stimulating, soluble material directly where it is immediately available. Embodies new principle in fertilizer applicators.

No mussy pre-mixing is necessary. Fertilizer placed in jar according to manufacturers instruction in dry, concentrated form; comes out in liquid form, automatically, properly mixed with plenty of water.

After applying fertilizer, the patented reversible cap instantly converts gun into pistol grip hose nozzle. Sprinkler base also furnished for use as stationary sprinkler.

The ratio of the amount of water to the fertilizer remains the same, regardless of water pressure. The pressure does not affect the strength of the solution. It does control the speed with which the jar is emptied—the higher the pressure the faster it will be used.

The strength of the fertilizer solution does not vary with the amount left in the jar.

It cannot be used for insecticide spraying because it delivers too much water and solution would not stick to leaves.



brass with a stainless steel check valve. One simply connects the HOZON between the water faucet and the hose or between two lengths of hose not more than 50 feet from the nozzle. The closer it is to the nozzle or sprinkler, the faster it works. A small rubber suction tube and strainer are dropped into the pail of concentrated solution. HOZON sucks up the RA-PID-GRO solution and mixes it with water as you sprinkle. Diluted mixture will not harm the hose. If you mix 2 gallons of water in a pail and 1 lb. of RA-PID-GRO it will be discharged from hose in about 10 minutes. You can increase the concentration by using 2 lbs. of RA-PID-GRO in the same solution. You can also use 50% wettable DDT for mixture with a HOZON for controlling grub worms, etc.

SALESMEN'S SUPPLIES

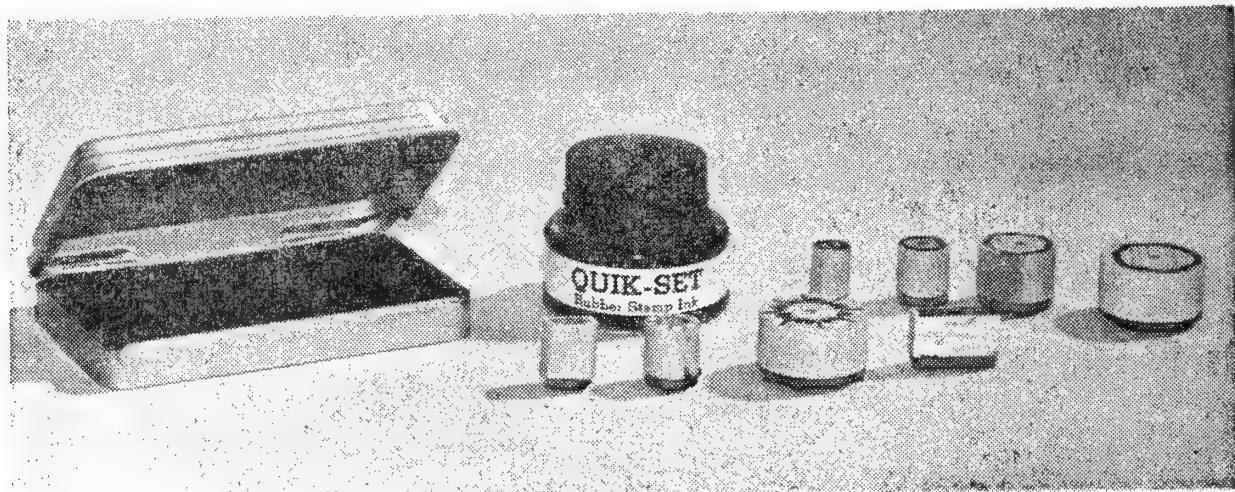
Pruning Shears —Seymour Smith, Snap Cut	each \$3.75
Handy Reference Books —Two helpful and worthwhile books for our climate by F. P. Daniels are now available.	
" You Can Landscape Your Own Home ," how to do it with good sales-making pictures. A \$1.00 book—your cost	50¢
Pamphlet "You Can Make Your Dreams Come True"	each 02¢
2 x 2 colored slides —plain viewer \$2.00 Illuminated viewer with magnifying lens \$6.00; Basic set of slides (15 slides) \$3.75; Supplementary slides (28 slides) \$7.00.	
Business Cards — Your cost 1000 \$10.00 500 \$7.50	
We pay $\frac{1}{2}$ the cost, imprinted with your name, address and telephone. Also we can print "LANDSCAPE DESIGNER," "NURSERYMAN" or both under your name.	
Landscape Template	each \$1.50
Drawing Boards 12 - 18"	each \$5.00
17 x 22 Drawing Paper — Ruled 8 squares per inch. Package of 25 sheets\$1.50 Package of 100 sheets....\$5.50	
12" - 18" Tracing Paper	each 03¢
Rubber Stamp Landscape Set — 10 upright stamps as illustrated on Pages 54 and 55 with green rubber stamp pad & ink No. 101 \$5.00	
Rubber Stamp Set — 8 Plan View Stamps as illustrated on pages 54 and 55 with green rubber stamp pad & ink No. 102 \$5.00	
Green Rubber Stamp Ink	50¢
Red Rubber Stamp Ink	50¢
Red Rubber Stamp Pad	50¢

LANDSCAPING

CASHMAN RUBBER STAMP SETS FOR FAST LAYOUT OF SALESMAKING LANDSCAPE PLANS.

It is obvious you will sell more if you sell from a plan. To make plan drawing easy, we have designed two sets of rubber stamps illustrated below. Set No. 101 is for an Upright or Elevation View. Set No. 102 is for a Plan or Birdseye View.

The initials from (A) to (N) following the name of Trees and Shrubs in this Price List correspond with the stamps below. Thus automatically giving correct spacing and eliminating overcrowding. All stamps are approximations of mature development considering proper trimming. The Stamps are for drawing 8 feet to the inch scale (or $\frac{1}{8}$ " equals 1 foot). We supply drawing paper ruled in 8 squares to the inch to facilitate rapid work. We do not recommend drawings in other scales. Deciduous Shrubs and Trees are smooth in outline and Evergreens have sharp points. We also supply Red Ink and Red Pads for Red Foliage Shrubs and Trees.



Set 102 — Green Stamp Pad, Ink and 8 Different Stamps \$5.00

Set No. 102 — Plan View Stamps



A - B



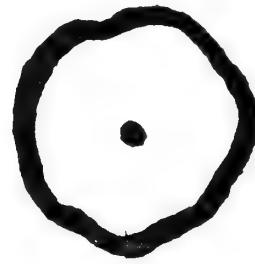
C - D



B



E



F - G



H



J



K



L

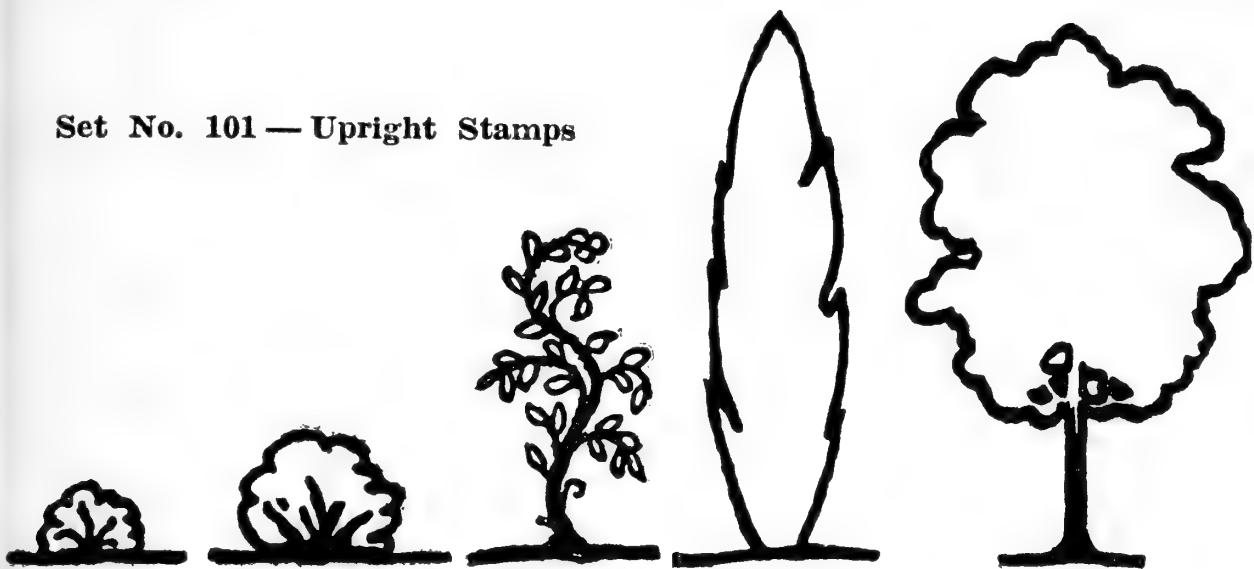
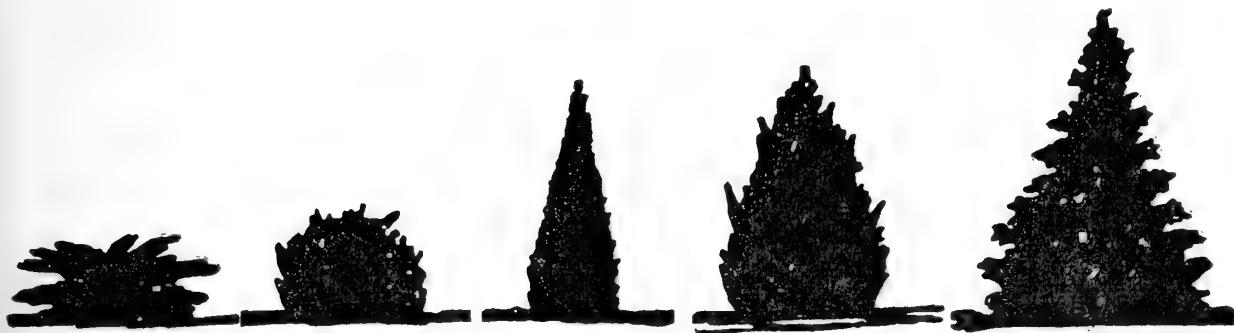


M



N
Hedge

Set No. 101 — Upright Stamps

A - B - C
Small
Shrubs,
RosesC - D - E
Large
ShrubsB
Vines,
Climbing
RosesE
Lombardy
PoplarF - G
Shade Trees
Fruit TreesH
Creeping
Prostrate and
Medium Low
EvergreensJ
Round Low
EvergreensK
Narrow, Upright
Columnar, or
Pyramidal
EvergreensL
Wider Pyramidal
EvergreensM
Tree-Like
Evergreens

Set 101 — Green Stamp Pad, Ink and 10 Different Stamps \$5.00

- (A) SHRUBS have an average spread of 1½' and are low growing dwarf plants or Floribunda Roses. Plant 1½' to 2½' apart. For under windows, or for facers.
- (B) SHRUBS are medium height, spreading plants with an average spread of 2 - 2½ feet.
- (C) SHRUBS are medium height upright shrubs with an average spread of three feet. Plant 3 - 4' apart.
- (D) SHRUBS are the larger upright shrubs. Ideal for corner plantings. They have an average spread of 5 feet.
- (E) SHRUBS are the tall shrubs. Plant them 6 - 8 feet apart.
- (F) SHRUBS are Flowering Trees and Fruit Trees which spread 10' to 20' in diameter (5' to 10' from the trunk each way). You can plant shrubs and flowers under the spread of these small trees.
- (G) LARGE TREE. Large Shade and Fruit Trees spread 20' to 40'. Plan on other shrubs and flowers under the tree as this stamp outlines the semi-mature size.
- (H) CREEPING, PROSTRATE AND MEDIUM LOW EVERGREENS grow in an oval shape, approximately 3 x 5' to 4 x 8' at maturity.
- (J) ROUND LOW EVERGREENS are shown as 3 feet diameter, although they can spread to 5 feet if not trimmed.
- (K) NARROW, UPRIGHT, COLUMNAR, OR PYRAMIDAL EVERGREENS develop to 3 feet diameter and do best when kept trimmed to that size.
- (L) WIDER PYRAMIDAL EVERGREENS — These Evergreens can be kept narrow or allowed, if fully developed, to spread out to a full bushy growth.
- (M) TREE-LIKE EVERGREENS — This stamp is of a fully mature Spruce, Pine, or Fir — Because the Evergreens grow slowly, this class is often drawn as (L).
- (N) HEDGE — This stamp represents a six foot length and two feet wide, which may be repeated.

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ORNAMENTAL SHRUBS

GROWTH CHARACTERISTICS

An important item in any landscape planting is the shrub. It may be used because of its decorative flower, colorful foliage, its brilliant berry or to add beauty with its colored branches in winter when all else is dormant. The dwarf and medium height shrubs are suitable for use as foundation plants and always add a softening touch to harsh building lines. The taller shrubs are best suited for use in the border plantings where they serve as a colorful screen or background for the flower garden. Many are used as specimen plants in the lawn or on corners.

Dwarf or Low Growing Shrubs (3 ft. or less)

S-7	Barberry Thunbergi	S-61	Chenault's Coralberry
S-8	Barberry, Red Leaved	S-63	Spirea, Anthony Waterer
S-15	Caragana Pygmae	S-64	Spirea, Frobel
S-34	Japanese Quince	S-66	Spirea, Blue
R	Floribunda & Tea Roses	S-74	Willow, Dwarf Blue Leaf
S-55	Potentilla	S-75	Lodense Privet

Medium Tall Shrubs (4 - 6 ft.)

S-1	Almond, Pink Flowering	S-50	Ninebark, Dwarf
S-11	Butterfly Bush	S-51	Ninebark, Golden
S-16	Cotoneaster	S-54	Purple Leaf Cherry
S-17	Alpine Currant	S-56	Potentilla, White
S-18	Yellow Flowering Currant	S-59	Snowberry, White
S-23	Deutzia, Lemoine	S-60	Snowberry, Red
S-25	Euonymus, Alatus	S-62	Ural False Spirea
S-31	Hydrangea, A.G.	S-65	Spirea Billard
S-32	Hydrangea, P.G.	S-67	Spirea Thunbergi
S-37	Persian Lilac	S-68	Spirea, Bridal Wreath
R	Rugosa Roses	S-69	Spirea, Garland
S-46	Golden Mockorange	S-72	Weigelia, Eva Rathke
S-47	Lemoine Mockorange	S-73	Weigelia Varigated

Tall Growing Shrubs (Over 6 ft.)

S-2	Altheas	S-29	Honeysuckle, Tatarian
S-6	Arrowwood	S-31	Hydrangea, Tree Form
S-14	Caragana Arborescens	S-35	Lilacs (except Persian)
F-42	Nanking Cherry	S-44	Amur Maple
S-19	Cranberry, European High Bush	S-48	Mockorange, Minnesota Snowflake
S-20	Dogwood, Golden Twig	S-49	Mockorange, Virginal
S-21	Dogwood, Red Twig	S-52	Prunus Triloba
S-22	Dogwood, varigated	S-57	Russian Olive
S-24	Elder, Golden	S-58	Snowball
S-26	Forsythia	S-70	Tamarix

Shrubs for Shaded Areas

S-17	Alpine Currant	S-21	Dogwood, Red Twig
S-6	Arrowwood	S-22	Dogwood, Varigated
S-7	Barberry Thunbergi	S-24	Elder, Golden
S-61	Coralberry	S-29	Honeysuckle, Tatarian
S-16	Cotoneaster	S-31	Hydrangea, A.G.
S-18	Currant, Yellow Flowering	S-50	Ninebark
S-19	Cranberry, Highbush	S-59	Snowberry
S-23	Deutzia, Lemoine	S-70	Tamarix
S-20	Dogwood, Golden Twig	S-74	Willow, Dwarf Blue Leaf

Please Note: The figures following the shrub's name denote its approximate, ultimate height, and the Initial after the height refers to its ultimate width and is referenced to our landscape Rubber Stamp Set. (See pages 54 and 55.)

BLOSSOM CALENDAR AND COLOR KEY FOR TREES AND SHRUBS

A well planned landscape has a succession of changing color and blossoms year around.

This calendar is based on Central Minnesota. Subtract time for South, add for North of Owatonna. These dates are approximations and vary year to year.

* Indicates the plant blossoms until frost.

DECEMBER, JANUARY and FEBRUARY

Green	Evergreens (E)
White	Birch (T-3)
Red	Red Twig Dogwood (S-21)
Yellow	Golden Willow (T-35) Yellow Twig Dogwood (S-22)

The birds feed on berries of shrubs.

MARCH

2nd Wk.	Snowdrop Bulbs (B-23) Glory of the Snow Bulbs (B-22)
3rd Wk.	Crocus Bulbs (B-18)
4th Wk.	Grape Hyacinth Bulbs (B-24)

APRIL

1st Wk.	Red Emperor Tulip Bulbs (B-16)
2nd Wk.	Daffodil Bulbs (B-17)
3rd Wk.	Hyacinth Bulbs (B-26) Nanking Cherry (F-42)
4th Wk.	Forsythia Spring Glory (S-26)

MAY

1st Wk.	Thunbergi Spirea (S-67) Garland Spirea (S-69) Prunus Triloba (S-52) Purple Leaf Plum (S-53) Bush Cherry (F-36) Darwin Tulip Bulbs (B-1) Scilla (B-25)
2nd Wk.	Iris (P-34) Parrot Tulip Bulbs (B-13) Bleeding Heart (P-8) Cydonia Japonica (S-34) Pink Flowering Almond (S-11) Caragana Aborescens (S-14)
Almey (F-101), Hopa (F-103), Dolga (F-24) and Flowering Crab.	

3rd Wk.	Arrowwood (S-6) Caragana Pygmae (S-15) Yellow Flowering Currant (S-18) Dogwoods (S-21) Double Peony Flowered Late Tulip Bulbs (B-10)
4th Wk.	Honeysuckles (S-27) Lilacs (S-35) Bridal Wreath (S-68)

PLANT PERENNIALS FOR ALL SUMMER COLOR

JUNE

1st Wk.	Barberry Thunbergi (S-7) High Bush Cranberry (S-19) Lemoine Detuzia (S-23) Russian Olive (S-57) Snowball (S-58) Mountain Ash Tree (T-21)
2nd Wk.	Peonies (P-1) Roses (Floribunda*) (R-1)
3rd Wk.	Mockoranges (S-47) Ninebarks (S-20) Weigelas (S-72) Potentilla* (S-55) Gold Flame Honeysuckle (V-6) Clematis (V-2)

4th Wk.	Golden Elder (S-24) Anthony Waterer Spirea* (S-63) Frobelli Spirea* (S-64) Locust Tree (T-12) Blue Spirea* (S-66) Begonias (B-50)
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JULY

These Shrubs Usually Blossom All Month.	Hydrangea, A. G. (S-31) Snowberry (S-59) Coralberry (Red) (S-60) Ural False Spirea (S-62) Billardi Spirea (S-65) Tamarix (S-70) Butterfly Bush (S-11) Phlox (P-47)
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STRIKING COLORED FOLIAGE FOR SUMMER

Maroon-Red	Purple Leaf Plum (S-53) Crimson King Maple (T-20) Red Leaf Barberry (S-8)
Yellow-Gold	Golden Privet (S-56) Golden Mockorange (S-46) Golden Elder (S-24)
Light Green	Arguta Spirea (S-69) Golden Ninebark (S-51)
Blue-Green	Dwarf Blue Leaf Willow (S-74)
Silver-Gray	Russian Olive (S-57)
Double Color Leaf	Varigated Leaf Dogwood (S-22) Varigated Leaf Weigelas (S-73)

AUGUST

Hydrangea P. G.* (S-32) Chrysanthemums* (P-15)

SEPTEMBER, OCTOBER & NOVEMBER Jack Frost's paintbrush after frost.

Yellow	Silver (Soft) Maple Tree (T-19) Ash Tree (T-1) Birch Tree (T-3) Rugosa Rose (R-1)
Red to Yellow	Sugar (Hard) Maple Tree (T-16) Buckeye Tree (T-5) Amur Maple Shrub (S-44)
Red	Red Twig Dogwood (S-21) Euonymus Alatus (S-25) Yellow Flowering Currant (S-18) Arrowwood (S-6) Japanese Barberry (S-7) Ivy Vines (V) Cotoneaster (S-16)
Red to Purple	High Bush Cranberry (S-19) Bridal Wreath Spirea (S-68) Snowball Bush (S-59) Alpine Currant (S-17)

SHOWY FALL BERRIES AND VINES

Bittersweet Vine (V-1) Mountain Ash Tree (T-21) Hopa Crab (F-103) Rugosa Rose (R-1)
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* Items followed by star are hardy in Prairie areas.
See Special Planting Instructions.

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SALESMEN should teach customers how to successfully plant nursery stock:

1. Call for stock on delivery day.
2. Soak 24 hours to 40 hours in water before planting.
3. Prune the tips off the roots.
4. Plant in roomy holes, add gravel if drainage is poor.
5. Tramp the ground firmly around the roots.
6. Do not put manure in the holes.
7. Water amply before and after planting.
8. Cut limbs back on all stock except Cut Leaf Birch, Evergreens, 5-in-1 Apples.
9. Mulch trees heavily with grass or straw on top of the ground to keep the moisture in the soil.
10. Fruit, Mountain Ash, all Elm except American, Schwedleri & Norway Maple Trees must be wrapped with paper for winter protection.
11. Spray fruit trees each year.
12. Keep out weeds and cultivate ground.



Cashman Nurseries, Inc.
are Members
Of Nurserymen's Associations and
State Horticultural Societies
in Most States
and the
American Association of
Nurserymen



Our Nursery has been inspected by Federal and State Entomologists

Each Shipment bears a copy of this
Certificate of Approval

State of Minnesota
Department of Agriculture, Dairy and Food
Division of Plant Industry
Office of State Entomologist

Permanent Nursery
Tag No. 15

St. Paul, Minnesota

CERTIFICATE OF NURSERY INSPECTION

THIS IS TO CERTIFY that the General nursery stock
and the premises of Cashman Nurseries, Inc., Owa-
tonna, Minnesota, have been inspected and found ap-
parently free from dangerously injurious insects and
plant diseases, including mosaic and similar virus
diseases.

This certificate is void after September, 1960.

BYRON G. ALLEN,
Commissioner

WM. ANDERSON,
Acting Director